

# **AASP African American Studies Winter 2016**

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## **AASP100 Introduction to African American Studies**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SH, D      General Education: DSHS, DVUP

*Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.*

WB11	Jason Nichols	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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## **AASP202 Black Culture in the United States**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SH, D      General Education: DSHS, DVUP

*The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present.*

WB11	Robert Choflet	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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## **AASP498R Special Topics in Black Culture; Race and Sports**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Advanced study of the cultural and historical antecedents of contemporary African and African American society. Emphasis on the social, political, economic and behavioral factors affecting blacks and their communities. Topics vary.*

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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## **AASP498Z Special Topics in Black Culture; Black Women in Popular Culture: From the Blues to Beyonce**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Advanced study of the cultural and historical antecedents of contemporary African and African American society. Emphasis on the social, political, economic and behavioral factors affecting blacks and their communities. Topics vary.*

WB11	Renina Jarmon	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

## **AASP499D      Advanced Topics in Public Policy and the Black Community; Drawing the Colorline: Chocolate City and the Media**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Examination of specific areas of policy development and evaluation in black and other communities. Application of advanced tools of policy analysis, especially quantitative, statistical and micro-economic analysis.*

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

## **AMSC      Applied Mathematics & Scientific      Winter 2016** **Computation**

### **AMSC698A      Advanced Topics in Applied Mathematics**

Credits: 1-4      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

### **AMSC762      Data Analysis Project**

Credits: 1      Grading Method: Regular

*This course cannot be used to meet any of the Applied Statistics Area's seminar requirements. Offered yearly, required of and limited to MS non-thesis and doctoral students in Applied Statistics Area, for whom the resulting projects serve as a Qualifying Exam component. After 5-6 lectures or presentations on components of successful data analyses and write-ups, 3-4 sessions will discuss previous student project submissions. The culminating project, to be completed in a two week period between semesters, is an analysis and written report of one of three project choices made available each year to represent a spectrum of realistic applied statistical problems.*

0101	Konstantina Trivisa	Seats (Total: 10)
	Contact instructor or department for details.	

### **AMSC899      Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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## AMST      American Studies      Winter 2016

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### AMST101      Introduction American Studies

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HO, D      General Education: DSHU, DVUP

*Credit only granted for: AMST101 or AMST201. Formerly: AMST201.*

*Introduces students to the interdisciplinary field of American Studies by examining concepts such as culture, identity, cultural practices, and globalization, as well as theories underlying these concepts. Engages key themes, especially constructions of difference and identity, cultures of everyday life, and America and the world.*

WB11	Daniel Greene	Seats (Total: 33)
	Class time/details on ELMs	ONLINE

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[Click here for descriptions of all AMST winter courses.](#)

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### AMST203      Popular Culture in America

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HO      General Education: DSHU, DVUP

*An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.*

An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society. We will also examine historical and contemporary celebrity culture from various critical theoretical perspectives.

WB11	Terrance Wooten	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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### AMST205      Material Aspects of American Life

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HA      General Education: DSHU, DVUP

*Historical survey of American material culture. Ways of describing and interpreting accumulated material evidence (e.g., buildings, town plans) introduced by stressing relationship between artifact and culture.*

WB11	Patricia Akinbola	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

## AMST328C Perspectives on Identity and Culture; Introduction to Fat Studies

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Analysis of the cultural aspect of identity formation and the role of individual or community identities in cultural production. Examination of cultural texts such as film, literature, fashion, artifacts, archival records, architecture, monuments, sports, and paintings.*

WB11	Ellen Griff	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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## ANSC      Animal Science      Winter 2016

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### ANSC386 Experiential Learning

Credits: 3-6      Grading Method: Regular,  
Pass-Fail

*Prerequisite: Permission of AGNR-Animal & Avian Sciences department. Restriction: Junior standing or higher.*

0101	Amy Burk	Seats (Total: 10)
	Contact instructor or department for details.	
0118	Christine Hakenkamp	Seats (Total: 10)
	Contact instructor or department for details.	

### ANSC399 Special Problems in Animal Science

Credits: 1-2      Grading Method: Regular,  
Pass-Fail, Audit

*Work assignments are designed to be proportional to the amount of credit. Students are expected to develop an abstract, fact sheet, manuscript, oral presentation, poster, webpage, journal-log, or other scholarly product associated with their study and/or project.*

**Contact department for information to register for this course.**

### ANSC497 Animal Biotechnology Recombinant DNA Laboratory

(Perm req)      Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ANSC327; or students who have taken courses with comparable content may contact the department. Recommended: ANSC437 and ANSC435.*

*An advanced course offering hands-on experience in performing recombinant DNA experiments. Current molecular biology techniques used for cloning genes, analyzing the gene products, and modifying the genes of animals will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory.*

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 0108

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**ANSC688G      Special Topics; Animal Biotechnology Recombinant DNA Laboratory**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

*Lectures, experimental courses, and other special subjects in the fields of animal sciences and veterinary medicine.*

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 0108

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**ANSC899      Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**ANTH      Anthropology      Winter 2016**

**ANTH222      Introduction to Ecological and Evolutionary Anthropology**

Credits: 4      Grading Method: Regular,      CORE: LL      General Education: DSNL,  
Pass-Fail, Audit      DVUP

*Credit only granted for: ANTH220 or ANTH222.*

*An introduction to the evolution of human physiology and human behavior, the relationship between hominid and non-hominid primates, and the study of relationships between a population of humans and their biophysical environment.*

Students must pay a \$40.00 lab materials fee.

HY11	Robert O'Malley	Seats (Total: 24)
	MWF 10:00am - 1:15pm	WDS 1114
	Class time/details on ELMs	ONLINE
	TuTh 10:00am - 3:00pm	WDS 1114      Lab

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## **ANTH260      Introduction to Sociocultural Anthropology and Linguistics**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB, D      General Education: DSHS, DVUP

*Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.*

WB11	Stanley Herman	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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## **ANTH263      Sexuality and Culture**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: DSHS, DVUP

*Credit only granted for: ANTH298K or ANTH263. Formerly: ANTH298K.*

*An overview of sexuality from an anthropological perspective, looking at aspects of sexuality within our own culture and in cultures around the world. Course topics include the biology and culture of sex, gender, physical attraction, sexual orientation, marriage and mating taboos, fertility control, sexually transmitted diseases, and commercial aspects of sex.*

WB11	Charneka Lane	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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## **ANTH266      Changing Climate, Changing Cultures**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB      General Education: DSHS, DVCC, SCIS

*Explore past, present, and future interactions between humans and climate. Discussions, methods-oriented activities, and case study analyses provide students a foundation for appreciating the role of anthropology in understanding, responding to, and preparing for climate change.*

HY11	Elizabeth Van Dolah	Seats (Total: 25)
	MTuWTh 10:00am - 11:45am	WDS 0104
	Class time/details on ELMs	ONLINE

**ANTH358A****Undergraduate Teaching Assistant**

Credits: 1-3

Grading Method: Regular,  
Pass-Fail, Audit*Individual instruction course: contact department or instructor to obtain section and index numbers.*

I102	Erve Chambers	Seats (Total: 5)
Contact instructor or department for details.		
I103	William Stuart	Seats (Total: 5)
Contact instructor or department for details.		
I104	Tony Whitehead	Seats (Total: 5)
Contact instructor or department for details.		
I105	Judith Freidenberg	Seats (Total: 5)
Contact instructor or department for details.		
I106	Janet Chernela	Seats (Total: 5)
Contact instructor or department for details.		
I107	Michael Paolisso	Seats (Total: 5)
Contact instructor or department for details.		
I108	Thurka Sangaramoorthy	Seats (Total: 5)
Contact instructor or department for details.		
I109	Sean Downey	Seats (Total: 5)
Contact instructor or department for details.		
I110	L Jen Shaffer	Seats (Total: 5)
Contact instructor or department for details.		
I111	Mark Leone	Seats (Total: 5)
Contact instructor or department for details.		
I112	Paul Shackel	Seats (Total: 5)
Contact instructor or department for details.		
I113	Stephen Brighton	Seats (Total: 5)
Contact instructor or department for details.		
I114	George Hambrecht	Seats (Total: 5)
Contact instructor or department for details.		

I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

## ANTH386

### Experiential Learning

Credits: 1-6

Grading Method: Regular,  
Pass-Fail

*Recommended: Completion of advanced courses in relevant subfield of anthropology recommended.*

*Restriction: Permission of BSOS-Anthropology department; and junior standing or higher; and must be in Anthropology program.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
	Contact instructor or department for details.	
I106	Janet Chernela	Seats (Total: 5)
	Contact instructor or department for details.	
I107	Michael Paolisso	Seats (Total: 5)
	Contact instructor or department for details.	
I108	Thurka Sangaramoorthy	Seats (Total: 5)
	Contact instructor or department for details.	
I109	Sean Downey	Seats (Total: 5)
	Contact instructor or department for details.	
I110	L Jen Shaffer	Seats (Total: 5)
	Contact instructor or department for details.	



I111	Mark Leone	Seats (Total: 5)
	Contact instructor or department for details.	
I112	Paul Shackel	Seats (Total: 5)
	Contact instructor or department for details.	
I113	Stephen Brighton	Seats (Total: 5)
	Contact instructor or department for details.	
I114	George Hambrecht	Seats (Total: 5)
	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

## ANTH398A

### Independent Study

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*Independent interdisciplinary research and reading in specific areas of anthropology.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
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I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
	Contact instructor or department for details.	
I106	Janet Chernela	Seats (Total: 5)
	Contact instructor or department for details.	
I107	Michael Paolisso	Seats (Total: 5)
	Contact instructor or department for details.	

I108	Thurka Sangaramoorthy	Seats (Total: 5)
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I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

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**ANTH448D      Special Topics in Archaeology; GIS for Anthropologists**

Credits: 3                      Grading Method: Regular,  
    Pass-Fail, Audit

*Advanced topics in archaeological research, corresponding to new theoretical developments, faculty research interests, or specialties of visiting scholars. Prerequisites may vary with course topic; check with the department for requirements.*

WB11	Lukus Monette	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**ANTH469C      Advanced Special Topics in Cultural Anthropology; Language and Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Upper level cultural anthropology courses on varying topics derived from new interests of the faculty or the specialties of visiting scholars.*

Also offered as ANTH689C. Credit granted for ANTH469C or ANTH689C.

WB11	Jacqueline Messing	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**ANTH476****Senior Research**

Credits: 3-4                      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Must be in Anthropology program. Credit only granted for: ANTH476 or ANTH486.*

*Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of a senior thesis in anthropology.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
	Contact instructor or department for details.	
I106	Janet Chernela	Seats (Total: 5)
	Contact instructor or department for details.	
I107	Michael Paolisso	Seats (Total: 5)
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I108	Thurka Sangaramoorthy	Seats (Total: 5)
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	Contact instructor or department for details.	

I110	L Jen Shaffer	Seats (Total: 5)
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I112	Paul Shackel	Seats (Total: 5)
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I114	George Hambrecht	Seats (Total: 5)
	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

## ANTH477

### Senior Thesis

Credits: 3-4      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ANTH476. Restriction: Permission of BSOS-Anthropology department; and must be in Anthropology program. Credit only granted for: ANTH477 or ANTH487.*

*Capstone course in which students write a senior thesis on independent research into a current problem in anthropology. The thesis is defined before a committee of faculty.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	

I105	Judith Freidenberg	Seats (Total: 5)
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I113	Stephen Brighton	Seats (Total: 5)
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	Contact instructor or department for details.	
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	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

*Restriction: Permission of BSOS-Anthropology department; and must be in Anthropology program; and must be admitted to University Honors Program or Anthropology Honors Program. Credit only granted for: ANTH486 or ANTH476.*

*Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of an honors thesis in anthropology.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
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I111	Mark Leone	Seats (Total: 5)
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I114	George Hambrecht	Seats (Total: 5)
	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

## ANTH487

### Honors Thesis

Credits: 3-4

Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ANTH486. Restriction: Permission of BSOS-Anthropology department; and must be in Anthropology program; and must be admitted to University Honors Program or Anthropology Honors Program. Credit only granted for: ANTH487 or ANTH477.*

*Capstone course in which students write a thesis on the results of independent research into a current problem in anthropology.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
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I110	L Jen Shaffer	Seats (Total: 5)
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	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

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**ANTH689A**
**Special Problems in Anthropology**

Credits: 1-6      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

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**ANTH689C**
**Special Problems in Anthropology; Language and Culture**

Credits: 3      Grading Method: Regular, Sat-Fail

Also offered as ANTH469C. Credit granted for ANTH469C or ANTH689C.

WB11	Jacqueline Messing	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**ANTH689D**
**Special Problems in Anthropology; GIS for Anthropologists**



Credits: 3                      Grading Method: Regular, Sat-Fail

WB11	Lukus Monette	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**ANTH701                      Anthropology Internship Preparation**

Credits: 3                      Grading Method: Regular, Audit

*Preparation for internship includes practicum training in development, presentation and evaluation of position papers, proposals and work plans; literature search and use of secondary data sources in decision making the effect cultural analysis and resource management; ethics and professional development for work in non-academic settings.*

I113	Stephen Brighton	Seats (Total: 5)
	Contact instructor or department for details.	

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**ANTH712                      Anthropology Internship Analysis**

Credits: 3                      Grading Method: Regular, Audit

*Prerequisite: ANTH789.*

*The preparation and presentation of internship results, and the development of skills in report writing and presentation. Includes the completion of a professional quality report or publishable paper based on the internship experience.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
	Contact instructor or department for details.	
I106	Janet Chernela	Seats (Total: 5)
	Contact instructor or department for details.	



*Individual instruction course supervised by a department faculty member.*

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
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I110	L Jen Shaffer	Seats (Total: 5)
	Contact instructor or department for details.	
I111	Mark Leone	Seats (Total: 5)
	Contact instructor or department for details.	
I112	Paul Shackel	Seats (Total: 4)
	Contact instructor or department for details.	
I113	Stephen Brighton	Seats (Total: 5)
	Contact instructor or department for details.	
I114	George Hambrecht	Seats (Total: 5)
	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	

I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

## ANTH898

### Pre-Candidacy Research

Credits: 1-8      Grading Method: Regular, Sat-Fail

I102	Erve Chambers	Seats (Total: 4)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
	Contact instructor or department for details.	
I106	Janet Chernela	Seats (Total: 5)
	Contact instructor or department for details.	
I107	Michael Paolisso	Seats (Total: 5)
	Contact instructor or department for details.	
I108	Thurka Sangaramoorthy	Seats (Total: 5)
	Contact instructor or department for details.	
I109	Sean Downey	Seats (Total: 5)
	Contact instructor or department for details.	
I110	L Jen Shaffer	Seats (Total: 5)
	Contact instructor or department for details.	
I111	Mark Leone	Seats (Total: 5)
	Contact instructor or department for details.	
I112	Paul Shackel	Seats (Total: 5)
	Contact instructor or department for details.	

I113	Stephen Brighton	Seats (Total: 5)
	Contact instructor or department for details.	
I114	George Hambrecht	Seats (Total: 5)
	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 5)
	Contact instructor or department for details.	

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**ANTH899**
**Doctoral Dissertation Research**

Credits: 6      Grading Method: Regular, Sat-Fail

I102	Erve Chambers	Seats (Total: 5)
	Contact instructor or department for details.	
I103	William Stuart	Seats (Total: 5)
	Contact instructor or department for details.	
I104	Tony Whitehead	Seats (Total: 5)
	Contact instructor or department for details.	
I105	Judith Freidenberg	Seats (Total: 5)
	Contact instructor or department for details.	
I106	Janet Chernela	Seats (Total: 5)
	Contact instructor or department for details.	
I107	Michael Paolisso	Seats (Total: 5)
	Contact instructor or department for details.	
I108	Thurka Sangaramoorthy	Seats (Total: 5)
	Contact instructor or department for details.	
I109	Sean Downey	Seats (Total: 5)
	Contact instructor or department for details.	

I110	L Jen Shaffer	Seats (Total: 5)
	Contact instructor or department for details.	
I111	Mark Leone	Seats (Total: 5)
	Contact instructor or department for details.	
I112	Paul Shackel	Seats (Total: 5)
	Contact instructor or department for details.	
I113	Stephen Brighton	Seats (Total: 5)
	Contact instructor or department for details.	
I114	George Hambrecht	Seats (Total: 5)
	Contact instructor or department for details.	
I115	Christina Getrich	Seats (Total: 5)
	Contact instructor or department for details.	
I116	Kathryn Lafrenz Samuels	Seats (Total: 5)
	Contact instructor or department for details.	
I117	Barnet Pavao-Zuckerman	Seats (Total: 4)
	Contact instructor or department for details.	

## ARAB

## Arabic

Winter 2016

### ARAB341

#### Filming War Zones: Representations of Wars in Iraq and Chechnya

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Also offered as: FILM341. Credit only granted for: ARAB341 or FILM341.*

*Comparative study of ideological and cultural discourses in war films covering military conflicts in Iraq and Chechnya in late 20th-early 21st centuries. Materials include American, Middle Eastern, and Russian feature films and documentaries; theories of propaganda, ideology and popular culture. Taught in English.*

Also offered as: FILM341. Credit only granted for: ARAB341 or FILM341. Comparative study of ideological and cultural discourses in war films covering military conflicts in Iraq and Chechnya in late 20th-early 21st centuries. Materials include American, Middle Eastern, and Russian feature films and documentaries; theories of propaganda, ideology and popular culture.

WB11	Valerie Anishchenkova	Seats (Total: 15)
	Class time/details on ELMs	ONLINE

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## ARCH      Architecture      Winter 2016

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### ARCH678I      Selected Topics in Architecture; Building Information Modeling in Professional Practice: Visual Communication and Collaboration

Credits: 3      Grading Method: Regular,  
Audit

Saturday sessions to be held at the Ayers Saint Gross Baltimore office.

0101	Kristen Ambrose	Seats (Total: 15)
	MTuWTh 6:30pm - 9:30pm	ARC 1101
	Sa 9:00am - 4:00pm	ARC 1115      Lab

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### ARCH799      Master's Thesis Research

Credits: 1-6      Grading Method: Regular, Sat-  
Fail

*Development of master's thesis.*

0113	Instructor: TBA	Seats (Total: 1)
	Contact instructor or department for details.	

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## AREC      Agricultural and Resource Economics      Winter 2016

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### AREC898      Pre-Candidacy Research

Credits: 1-8      Grading Method: Regular, Sat-  
Fail

0137	Anna Alberini	Seats (Total: 10)
	Contact instructor or department for details.	

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## ARTH      Art History & Archaeology      Winter 2016

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### ARTH359B      Film as Art; Films of Quentin Tarnatino

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*The study of film as a visual art, from theoretical, cultural and aesthetic perspectives. Content varies by semester.*

WB11	Greg Metcalf	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

## Special Topics in Art History and Archaeology; The Art of Color: A Left and Right Brain Experience

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

This class is based on Color by Dr. Betty Edwards. Color theory can be more art than science. Discussing color theory, the psychology of color, doing color exercises and practice with acrylics make color accessible. This course examines how the colors used by Old Masters and Contemporary Artists shape the viewer's experience. The class will take a field trip to a local museum. No artistic experience is necessary.

0101	Beryl Bland	Seats (Total: 15)
	MTuWTh 1:00pm - 4:30pm	ASY 3215

**ARTH389Y**

**Special Topics in Art History and Archaeology; Italy: Baroque Rome: Art, Architecture and Urban Splendor in the Eternal City, 1600-1700**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

# ARTT

## Art Studio

## Winter 2016

**ARTT110**

## Elements of Drawing I

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

General Education: DSSP

*Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects.*

Students must pay a \$40.00 studio lab fee.

0101	Tyler Hildebrand	Seats (Total: 18)
	MTuWThF 9:00am - 2:00pm	ASY 2317

**ARTT150**

## Introduction to Art Theory

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

CORE: HA

General Education: DSHU

*Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art.*

Field trips listed in syllabus.



0101	Richard Klank	Seats (Total: 15)
	MTuWThF 9:00am - 12:00pm	ASY 2309

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**ARTT210      Elements of Drawing II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ARTT110.*

*Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues.*

Students must pay a \$40.00 studio lab fee.

0101	Tyler Hildebrand	Seats (Total: 10)
	MTuWThF 9:00am - 2:00pm	ASY 2317

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**ARTT343      Elements of Printmaking: Screen Printing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department.*

*Concepts and fundamental processes related to silkscreen printing.*

Students must pay a \$40.00 studio lab fee.

0101	Robert Hackett	Seats (Total: 12)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

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**ARTT418      Advanced Drawing Studio; Advanced Drawing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Multi-level drawing studio emphasizing advanced concepts and processes related to drawing; emphasis on contemporary art issues and individual directions.*

Prerequisite: ARTT210. Students must pay a \$40.00 studio lab fee.

0101	Tyler Hildebrand	Seats (Total: 10)
	MTuWThF 9:00am - 2:00pm	ASY 2321

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**ARTT448E      Advanced Printmaking Studio**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Multi-level printmaking studio; continuation of media-specific printmaking courses with emphasis on contemporary art issues and individual directions in chosen media.*

Students must pay a \$40.00 studio lab fee.

0101	Robert Hackett	Seats (Total: 4)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

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**ARTT468B      Seminar on the Interrelationship Between Art and Art Theory; Advanced Issues in Art Theory**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*The relationship between a student's work and the theoretical context of contemporary art.*

0101	Richard Klank	Seats (Total: 5)	
	MTuWThF 9:00am - 12:00pm	ASY 2309	

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**ARTT489P      Advanced Special Topics in Art; Photography in Oaxaca**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Development of student's work on an advanced studio level within the context of a special topic.*

**Contact department for information to register for this course.**

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**ARTT489V      Advanced Special Topics in Art; Body Ornamentation: Theory with Studio Component**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Development of student's work on an advanced studio level within the context of a special topic.*

0101	Richard Klank	Seats (Total: 20)	
	MTuWThF 12:30pm - 3:00pm	ASY 2309	

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**ARTT498      Directed Studies in Studio Art**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Advanced independent work in Studio Art. Meeting with faculty and studi time arranged.*

There is a \$40.00 studio lab fee for this course.

**Contact department for information to register for this course.**

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**ARTT498A      Directed Studies in Studio Art**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*Advanced independent work in Studio Art. Meeting with faculty and studi time arranged.*

There is a \$40.00 studio lab fee for this course.

**Contact department for information to register for this course.**

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**ARTT498B      Directed Studies in Studio Art**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*Advanced independent work in Studio Art. Meeting with faculty and studi time arranged.*

There is a \$40.00 studio lab fee for this course.

**Contact department for information to register for this course.**

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**ARTT648      Printmaking**

Credits: 3      Grading Method: Regular,  
Audit

*Independent studies in printmaking for advanced special students.*

There is a \$60.00 studio lab fee for this course.

0101	Robert Hackett	Seats (Total: 10)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

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**ARTT699A      Directed Graduate Studies in Studio Art**

Credits: 1-4      Grading Method: Regular,  
Audit

*Independent graduate studies.*

0105	Dawn Gavin	Seats (Total: 2)	
	Contact instructor or department for details.		

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**ARTT798B      Directed Graduate Studies in Studio Art**

Credits: 1-4      Grading Method: Regular,  
Audit

*Independent graduate studies.*

**Contact department for information to register for this course.**

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## **BCHM      Biochemistry      Winter 2016**

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### **BCHM677      Computational Tools in Biochemistry**

Credits: 1      Grading Method: Sat-Fail

*Prerequisite: BCHM674 or BCHM671; or permission of instructor. Restriction: Must be in one of the following programs (Biochemistry (Master's); Biochemistry (Doctoral)) ; or permission of instructor.*

*A practical, hands-on introduction to the application of computational tools that support biochemistry research. Selected topics may include: efficient use of scientific literature databases and the preparation of professional bibliographies; proteomics and mass spectrometry; bioinformatics and genomics programs an database resources; molecular structure visualization and modeling; quatitative data fitting and error analysis; and laboratory research ethics.*

Class begins meeting on Wednesday, January 6th.

0101	Nicole LaRonde	Seats (Total: 20)
	MWF 9:00am - 12:50pm	CHM 1224

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## **BIOE      Bioengineering      Winter 2016**

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### **BIOE460      Biotechnology and Bioproduction**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Junior standing or higher. Credit only granted for: BIOE460, BIOE468B, or ENES489Q. Formerly: BIOE468B.*

*Basics of recombinant DNA technology and biopharmaceutical manufacturing.*

0101	Ben Woodard	Seats (Total: 20)
	MTuWThF 1:00pm - 2:50pm	KEB 1200
	MTuWThF 3:00pm - 4:00pm	CHE 1203      Lab

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## **BIOM      Biometrics      Winter 2016**

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### **BIOM301      Introduction to Biometrics**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

General Education: FSAR

*Prerequisite: MATH113 or MATH115. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201.*

*Descriptive statistics, introduction to probability, sampling, confidence interval estimation, hypothesis testing, simple regression and correlation. Emphasis on simple applications of statistical techniques and interpretation of statistical results.*

0101	Christine Hakenkamp	Seats (Total: 28)	
	MTuWThF 11:00am - 1:00pm	CSS 2324	
	MTuWThF 1:00pm - 2:00pm	ANS 0473	Discussion
0102	Christine Hakenkamp	Seats (Total: 28)	
	MTuWThF 11:00am - 1:00pm	CSS 2324	
	MTuWThF 10:00am - 11:00am	ANS 0473	Discussion
0103	Christine Hakenkamp	Seats (Total: 20)	
	MTuWThF 11:00am - 1:00pm	CSS 2324	
	MTuWThF 1:00pm - 2:00pm	ANS 0408	Discussion
<i>Students must have their own laptops.</i>			

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## BMGT Business and Management Winter 2016

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### BMGT220

#### Principles of Accounting I

Credits: 3                      Grading Method: Regular

*Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.*

0101	Sijing Wei	Seats (Total: 45)	
	TuWThF 1:30pm - 4:40pm	VMH 1330	

### BMGT221

#### Principles of Accounting II

Credits: 3                      Grading Method: Regular

*Prerequisite: BMGT220.*

*Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.*

0101	Gary Bulmash	Seats (Total: 45)	
	TuWThF 10:00am - 1:10pm	VMH 1335	

---

**BMGT364 Managing People and Organizations**

Credits: 3                      Grading Method: Regular

*An introduction to selected aspects of human behavior in organizations generally known as organizational behavior (OB). This course is designed to help students develop systematic and fundamental understanding of people and their behaviors in organizations, as well as useful abilities and skills required to effectively and ethically manage various individual, interpersonal, group, and organization-level processes.*

0101	Hannah Weiser	Seats (Total: 40)
	TuWThF 10:00am - 1:10pm	VMH 1303

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**BMGT380 Business Law I**

Credits: 3                      Grading Method: Regular

*Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.*

0101	William McClenahan	Seats (Total: 40)
	MTuWThF 10:00am - 12:45pm	VMH 1336

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**BMGT398B Individual Study in Business and Management; Germany in the New Europe: Politics, Business, and Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**BMGT428D Special Topics in Accounting; Europe and the US: Accounting's Future, Present, and Past (UK, Belgium, Netherlands, NYC, DC)**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Selected advanced topics in Accounting.*

**Contact department for information to register for this course.**

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**BMGT438K Special Topics in Operations Management; Saigon and Hong Kong: From Emergent to Developed - A Mix of Markets**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Selected advanced topics in operations management.*

**Contact department for information to register for this course.**

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**BMGT438Q      Special Topics in Operations Management; Saigon and Hong Kong: From Emergent to Developed -- A Mix of Markets**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Selected advanced topics in operations management.*

**Contact department for information to register for this course.**

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**BMGT448P      Special Topics in Finance; Doing Business in Brazil: A Look at a Growing Economy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Selected advanced topics in finance.*

**Contact department for information to register for this course.**

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**BMGT498I      Special Topics in Business and Management; Social Entrepreneurship and Innovation in the Contemporary South African Context**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics in business and management designed to meet the changing needs and interests of students and faculty.*

**Contact department for information to register for this course.**

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**BMGT828      Independent Study in Business and Management**

Credits: 1-9                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**BMGT898      Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**BMGT899      Doctoral Dissertation Research**

Credits: 1-8                      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**BSCI222****Principles of Genetics**

Credits: 4                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: CHEM131, CHEM132, BSCI106, and BSCI105. Or BSCI105; and must have completed two semesters of chemistry.*

*Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.*

WB11	Tammatha O'Brien	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

**BSCI338Z****Special Topics in Biology; Field Research**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

*Lectures, seminars, mini-courses and other special instruction in various biological subjects.*

SG91	Beth Parent	Seats (Total: 5)
	Contact instructor or department for details.	

**BSCI342****Biology of Reproduction**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: BSCI105; or permission of CMNS-Biological Sciences UG Program. Also offered as: WMST326. Credit only granted for: BSCI342 or WMST326.*

*The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior, and menopause.*

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1243

**BSCI348J****Special Topics in Cell Biology and Molecular Genetics; Medical Microbiology**

Credits: 3                      Grading Method: Regular,  
Audit

*Presentation and discussion of special subjects in the field of cell biology and molecular genetics. A maximum of three credit hours of BSCI 348 may be applied to major.*



Prerequisite: BSCI105 (grade of B or better) or BSCI223 or BSCI283. Credit only granted for BSCI424 or BSCI348J. Mechanisms of pathogenesis detection, prevention and treatment of bacterial, viral and parasitic pathogens of humans.

WB11	Volker Briken	Seats (Total: 21)
	Class time/details on ELMs	ONLINE

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**BSCI348M      Special Topics in Cell Biology and Molecular Genetics; Epidemiology of Microbial Pathogens**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Presentation and discussion of special subjects in the field of cell biology and molecular genetics. A maximum of three credit hours of BSCI 348 may be applied to major.*

Acceptable towards Biological Sciences areas: MICB and GENB. Prerequisite: BSCI105. Study of infectious bacteria and viruses acting at the population level in humans and animals. Identification of causes and spread of infection.

WB11	Jeffrey Olimpo	Seats (Total: 28)
	Class time/details on ELMs	ONLINE

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**BSCI348R      Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

(Perm req)

Credits: 1-4                      Grading Method: Regular,  
Pass-Fail, Audit

*Presentation and discussion of special subjects in the field of cell biology and molecular genetics. A maximum of three credit hours of BSCI 348 may be applied to major.*

(Sponsoring Dept.: CBMG). An opportunity for students interested in microbiology to pursue a research project in an off-campus lab. The student must see the instructor and complete an information sheet found on the web site, prior to enrolling in the course. Web site:

<http://www.life.umd.edu/CBMG/progrms/department/micb388r.html>

I101	David Straney	Seats (Total: 5)
	Contact instructor or department for details.	

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**BSCI379G      Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

*This course is arranged to provide qualified majors an opportunity to pursue research problems under the supervision of a member of the department.*

**Contact department for information to register for this course.**

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**BSCI399 Biology Department Research**

(Perm req)

Credits: 1-3

Grading Method: Regular,  
Pass-Fail, Audit

*Research and/or integrated reading in biology under the direction and close supervision of a member of the faculty.*

**Contact department for information to register for this course.**

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**BSCI493 Medicinal and Poisonous Plants**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: BSCI105; and must have completed CHEM233. Or 4 credits in BSCI courses.*

*A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.*

0101	George Bean	Seats (Total: 25)
	MTuWThF 9:30am - 12:30pm	HJP 0226

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**BSST Terrorism Studies****Winter 2016****BSST338C Special Topics in Terrorism Studies; Australian and Pacific Rim Perspectives on Terrorism and Counterterrorism**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*A special topics course for students in the Global Terrorism Minor program. Topics that may be offered are Psychology of Terrorism; Development of Counterterrorism Policies and Programs; Terrorism and Popular Culture; Terrorism and the Media; International Perspective on Terrorism and Counterterrorism (Education Abroad); The Evolution of Hezbollah; Terrorism and Small Wars; Political Islam in the West.*

**Contact department for information to register for this course.**

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**BSST338P Special Topics in Terrorism Studies; The Rise of the Islamic State**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*A special topics course for students in the Global Terrorism Minor program. Topics that may be offered are Psychology of Terrorism; Development of Counterterrorism Policies and Programs; Terrorism and Popular Culture; Terrorism and the Media; International Perspective on Terrorism and Counterterrorism (Education Abroad); The Evolution of Hezbollah; Terrorism and Small Wars; Political Islam in the West.*

The quick rise of the terrorist group self-described as the Islamic State, also known as the ISIL has surprised policymakers and foreign policymakers worldwide. This course provides a comprehensive look at the Islamic State and will discuss key concepts and terms in Islamic history in an effort to establish an understanding of Islamic jurisprudence, meaning of a caliphate, the five pillars of Islam and Sharia law. The course will trace the history of the Islamic States rise and will examine the leadership figures/personalities behind the group and look in depth at ISILs connection to and divorce from al-Qaida. Students will examine how the group finances its operations as well as the rise of its affiliates. Students will also explore the groups use of foreign fighters and social media to further its agenda and explore the U.S. and global responses to counter the Islamic State. At the completion of this course, students will have an in depth understanding of the Islamic State and a better understanding of the key tools, including law enforcement, diplomatic, or intelligence, that are deployed to counter the group.

WB11	Jason Blazakis	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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**BSST338T      Special Topics in Terrorism Studies; India and the Netherlands: A Global Exchange for Young Leaders in Terrorism Studies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*A special topics course for students in the Global Terrorism Minor program. Topics that may be offered are Psychology of Terrorism; Development of Counterterrorism Policies and Programs; Terrorism and Popular Culture; Terrorism and the Media; International Perspective on Terrorism and Counterterrorism (Education Abroad); The Evolution of Hezbollah; Terrorism and Small Wars; Political Islam in the West.*

**Contact department for information to register for this course.**

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**BSST399F      Individual Study in Terrorism Studies; Geospatial Analysis of Terrorism**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*An independent study course for students in the Global Terrorism Minor program.*

Students will be introduced to Geospatial Information Systems and the technologys specific applications to terrorism studies. No previous experience with GIS or terrorism data is necessary. Students will leave the course with a firm grasp of GIS technologies and the ways in which they may implemented in terrorism studies.

WB11	Marcus Boyd	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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**BSST399N      Individual Study in Terrorism Studies; Social Network Analysis for Terrorism**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*An independent study course for students in the Global Terrorism Minor program.*

The concept of network has become central to many discussions of terrorism and political violence research. However, use of the term is rarely backed with theoretical and empirical analysis of actual networks. This course will instruct students in the basics of social network analysis and how to apply SNA methods in the field of terrorism studies.

WB11	Jeongyoon Lee	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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**BSST638C      Special Topics in Terrorism Studies; Australian and Pacific Rim Perspectives on Terrorism and Counterterrorism**

Credits: 3      Grading Method: Regular,  
Audit

*A special topics course for students in the Global Terrorism Minor program. Topics that may be offered are Psychology of Terrorism; Development of Counterterrorism Policies and Programs; Terrorism and Popular Culture; Terrorism and the Media; International Perspective on Terrorism and Counterterrorism (Education Abroad); The Evolution of Hezbollah; Terrorism and Small Wars; Political Islam in the West.*

**Contact department for information to register for this course.**

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**BUFN      Finance      Winter 2016**

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**BUFN754      Corporate Risk Management**

Credits: 2      Grading Method: Regular

*Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).*

*Surveys the theory and practice of financial risk identification, measurement, and mitigation at financial and non-financial firms. Topics will include hedging with options and futures, interest rate risk management, Value-at-Risk (VaR), Cashflow-at-Risk (CaR), Earnings-at-Risk (EaR), credit risk, equity risk, commodities risk, exchange rate risk, and lessons from risk management disasters.*

BA06	Ceyed Baiju	Seats (Total: 36)
	<b>Meets January 9, 2016 - January 17, 2016</b>	
	SaSu 9:00am - 4:15pm	BA 102
	<i>Meets 1/9, 1/10, 1/16, 1/17.</i>	

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**BUFN762      Fixed Income Analysis**

Credits: 2      Grading Method: Regular

*Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN731 or BUFN762. Formerly: BUFN731.*

*Describes important financial instruments which have market values that are sensitive to interest rate movements. Develops tools to analyze interest rate sensitivity and value fixed income securities. Defines and explains the vocabulary of the bond management business.*

DC51	Mark Taranto	Seats (Total: 36)
	<b>Meets January 4, 2016 - January 12, 2016</b>	
	MTuW 10:00am - 4:00pm	DC C2
	<i>For Master of Finance students only. Meets 1/4, 1/5, 1/6, 1/11, 1/12.</i>	

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## **BUMK      Marketing      Winter 2016**

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### **BUMK731      Business-to-Business Marketing**

Credits: 2      Grading Method: Regular

*Prerequisite: BUSI650.*

*Focus is large fraction of marketing activity directed at organizationa customers (businesses, non-profits and government). Marketing strategies, tactics and analytical tools most relevant when marketing to organizational customers are covered. Readings, cases and term paper contribute to understanding how to build long term buyer/seller relationships. Course is appropriate for anyone interested in understanding relationships between organizations, including vertical strategic alliances.*

DC01	Elizabeth Sara	Seats (Total: 36)
	<b>Meets January 4, 2016 - January 13, 2016</b>	
	MTuWTh 6:25pm - 10:00pm	DC C3
	<i>Meets 1/4, 1/5, 1/6, 1/7, 1/11, 1/12, 1/13</i>	

### **BUMK758G      Special Topics in Marketing; Business Communication**

Credits: 2      Grading Method: Regular

*Selected advanced topics in the various fields of graduate study in marketing.*

CP15	Diane Whitney	Seats (Total: 40)
	<b>Meets January 4, 2016 - January 12, 2016</b>	
	MTuW 10:00am - 4:00pm	VMH 1511

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**BUMK758I Special Topics in Marketing; Innovation and Marketing**

Credits: 2                      Grading Method: Regular

*Selected advanced topics in the various fields of graduate study in marketing.*

Prerequisite: BUSI650.

GS06	Gaurav Bhalla	Seats (Total: 36)
	<b>Meets January 9, 2016 - January 17, 2016</b>	
	SaSu 9:00am - 4:15pm	BLD2 3032
	<i>Meets 1/9, 1/10, 1/16, 1/17</i>	

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**BUMK759 Independent Study in Marketing**

(Perm req)

Credits: 1-6                      Grading Method: Regular

*Independent study for Masters students in Marketing.*

**Contact department for information to register for this course.**

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**BUMO Management and Organization Winter 2016**

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**BUMO758B Special Topics in Management and Organization; Alignment of Human Capital**

Credits: 2                      Grading Method: Regular

*Selected advanced topics in the various fields of graduate study in management and organization.*

Prerequisite: BUSI662.

BA01	Neta Moye	Seats (Total: 50)
	<b>Meets January 5, 2016 - January 13, 2016</b>	
	MTuWTh 6:00pm - 10:00pm	BA 103
	Sa 9:00am - 6:00pm	BA 103
	<i>Meets 1/5, 1/7, 1/9, 1/11, 1/13.</i>	

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**BUMO758C Special Topics in Management and Organization; International Entrepreneurship**

Credits: 2                      Grading Method: Regular

*Selected advanced topics in the various fields of graduate study in management and organization.*

DC06	James Sanders	Seats (Total: 40)
	<b>Meets January 9, 2016 - January 17, 2016</b>	
	SaSu 9:00am - 4:15pm	DC C2
	<i>Meets 1/9, 1/10, 1/16, 1/17.</i>	

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**BUMO758F      Special Topics in Management and Organization; Entrepreneurial Issues in Family & Closely-Held Businesses**

Credits: 2                      Grading Method: Regular

*Selected advanced topics in the various fields of graduate study in management and organization.*

DC01	Jonathan Aberman	Seats (Total: 40)
	<b>Meets January 4, 2016 - January 16, 2016</b>	
	MW 6:25pm - 10:00pm	DC C1
	Sa 9:00am - 3:00pm	DC C1
	<i>Meets 1/4, 1/6, 1/9, 1/11, 1/13, 1/16.</i>	

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**BUMO758M      Special Topics in Management and Organization; Understanding & Managing Organizational Change**

Credits: 4                      Grading Method: Regular

*Selected advanced topics in the various fields of graduate study in management and organization.*

Prerequisite: BUSI662 or BUSI664.

GS01	Mary Taylor	Seats (Total: 36)
	<b>Meets January 5, 2016 - January 17, 2016</b>	
	TuWTh 6:00pm - 10:00pm	BLD2 2032
	SaSu 9:00am - 5:30pm	BLD2 2032
	<i>Meets 1/5, 1/6, 1/7, 1/9, 1/10, 1/12, 1/13, 1/16, 1/17.</i>	

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**BUMO759      Independent Study in Management and Organization**

Credits: 1-6                      Grading Method: Regular

*Independent study for Masters students in management and organization.*

**Contact department for information to register for this course.**

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**CBMG899****Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

*Doctoral Dissertation Research.*

0121	Jeffrey DeStefano	Seats (Total: 10)
Contact instructor or department for details.		
0155	Volker Briken	Seats (Total: 1)
Contact instructor or department for details.		

**CCJS300****Criminological and Criminal Justice Research Methods**

(Perm req)

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: DSSP

*Prerequisite: CCJS100 and CCJS105; and (PSYC200, CCJS200, ECON321, BMGT230, or SOCY201).*

*Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.*

Prerequisites: CCJS100 and CCJS105 and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT320.

0101	Laure Brooks	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	LEF 2166

**CCJS325****Slavery in the Twenty First Century: Combating Human Trafficking**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: DSHS, SCIS

*Credit only granted for: CCJS325 or CCJS498R. Formerly: CCJS498R.*

*The trafficking of human beings in its historical, legal, economic, political and social contexts. Scope of the global problem, different forms of human trafficking, and regional trends and practices. Roles of government, the international community and individual actors. Strategies to combat trafficking.*

WB11	Christine Roberts White	Seats (Total: 50)
	Class time/details on ELMs	ONLINE



**CCJS359      Field Training in Criminology and Corrections**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit

*Supervised field training in public or private social agencies. Group meetings, individual conferences and written program reports.*

Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only and permission of department.

**Contact department for information to register for this course.**

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**CCJS398      Law Enforcement Field Training**

(Perm req)

Credits: 1-6      Grading Method: Regular,  
Pass-Fail, Audit

*Supervised, structured and focused field training in law enforcement agencies.*

Prerequisite: junior standing. Majors only.

**Contact department for information to register for this course.**

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**CCJS458A      Special Topics in Study Abroad IV; Human Trafficking in Context: Reactions to Human Trafficking in Thailand**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**CCJS600      Criminal Justice**

Credits: 3      Grading Method: Regular,  
Audit

*Restriction: Must be in one of the following programs (Criminology and Criminal Justice (Master's); Criminology and Criminal Justice (Doctoral)) ; or permission of BSOS-Criminology & Criminal Justice department. Formerly: CJUS600.*

*Current concept of criminal justice in relationship to other concepts in the field. Historical perspective. Criminal justice and social control. Operational implications. Systemic aspects. Issues of evaluation.*

**Contact department for information to register for this course.**

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**CCJS680      Drugs and Crime**

Credits: 3      Grading Method: Regular

*The relationship between drug use and crime. Policy concerning drug control enforcement, prosecution and sentencing. impact of drug treatment in criminal justice Impact of drug treatment in criminal justice settings, drug courts, drug-testing strategies and surveillance of former drug abusers in the community.*

**Contact department for information to register for this course.**

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## **CHEM**      **Chemistry** **Winter 2016**

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### **CHEM399A      Introduction to Chemical Research; Undergraduate Research**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*Basic (chemical) research conducted under the supervision of a faculty member.*

**Contact department for information to register for this course.**

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### **CHEM399B      Introduction to Chemical Research; Undergraduate Research**

Credits: 2                      Grading Method: Regular,  
Pass-Fail, Audit

*Basic (chemical) research conducted under the supervision of a faculty member.*

**Contact department for information to register for this course.**

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### **CHEM611      Professional Skills for New Graduate Students**

Credits: 1                      Grading Method: Regular,  
Audit

*Restriction: Must be in one of the following programs (Chemistry (Master's); Biochemistry (Master's); Biochemistry (Doctoral); Chemistry (Doctoral)) ; and must be a new graduate student.*

*Covers a wide range of topics in professional development for new graduate students.*

**Contact department for information to register for this course.**

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### **CHEM612      Scientific Presentations**

Credits: 1                      Grading Method: Sat-Fail

*Prerequisite: CHEM611.*

*Workshops will cover all aspects of giving scientific presentations. Each student will give a presentation based on the topic of his/her final paper in CHEM611. Presentations will be critiqued by peers and faculty members.*

0101	Andrei Vedernikov	Seats (Total: 40)
	MTuWThF 10:00am - 10:50am	CHM 1228

**CHEM640 Problems in Organic Reaction Mechanisms**

Credits: 1                      Grading Method: Regular,  
   Audit

*A tutorial type course dealing with the basic description of the fundamentals of writing organic reaction mechanisms.*

**Contact department for information to register for this course.**

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**CLAS Classics Winter 2016**

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**CLAS170 Greek and Roman Mythology**

Credits: 3                      Grading Method: Regular,                      CORE: HL                      General Education: DSHU  
   Pass-Fail, Audit

*Also offered as: RELS170. Credit only granted for: CLAS170 or RELS170. Additional information: This course cannot be taken for language credit.*

*An introduction to the mythology of ancient Greece and Rome. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.*

WB11	Gregory Staley	Seats (Total: 45)
	Class time/details on ELMs	ONLINE

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**CLAS308G The Classics in Context; The Ancient Roman City: Pompeii and Beyond**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

*A Study Abroad course which introduces students to the topography, archaeology and culture of the ancient Mediterranean world.*

**Contact department for information to register for this course.**

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**CLFS Chemical and Life Sciences Winter 2016**

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**CLFS608 Seminar in Current Topics in Chemical and Life Science**

(Perm req)                      Credits: 1-3                      Grading Method: Regular,  
   Audit

*Seminar in current topics in the Life Sciences. Contact Program Director or instructor before registering.*

Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.

**Contact department for information to register for this course.**

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**CLFS608A Seminar in Current Topics in Chemical and Life Science; Independent Research**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

*Seminar in current topics in the Life Sciences. Contact Program Director or instructor before registering.*

Contact the Office of Extended Studies (oes@umd.edu) to register for this class.

**Contact department for information to register for this course.**

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**CLFS609B Special Topics; The Biology of Reproduction**

Credits: 3      Grading Method: Regular,  
Audit

*Individual instruction course. Contact Program Director or instructor before registering.*

PL01	Janet Norcross	Seats (Total: 30)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the CLFS program.</i>	

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**CLFS609C Special Topics; Emerging Infectious Diseases**

Credits: 3      Grading Method: Regular,  
Audit

*Individual instruction course. Contact Program Director or instructor before registering.*

PL01	Robert Hall	Seats (Total: 25)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the CLFS program.</i>	

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**CLFS619A Special Topics in Chemistry; Molecular Spectroscopy**

Credits: 3      Grading Method: Regular,  
Audit

*Topics of current interest and special importance.*

PL01	Dorothy Mazzocchi	Seats (Total: 20)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the CLFS program.</i>	

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## CLFS640 Human Physiology

Credits: 3                      Grading Method: Regular,  
Audit

*Prerequisite: Two years of teaching experience; and CLFS510. Restriction: Must be in Master of Chemical & Life Sciences (Master's) program; and permission of CMNS-Chemical & Life Sciences department.*

*Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.*

PL01	John Kapp, William Higgins	Seats (Total: 20)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the CLFS program.</i>	

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## CLFS680 Chemical Ecology

Credits: 3                      Grading Method: Regular,  
Audit

*An examination of the utilization of organic natural products by plants and animals for various life processes. Examples will include how materials are utilized for sexual selection, defense against predators, sexual attractants, and as natural herbicides and repellants.*

PL01	Dorothy Mazzocchi, Bruce Jarvis	Seats (Total: 26)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the CLFS program.</i>	

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## CLFS725 Experimental Design

Credits: 2                      Grading Method: Regular,  
Audit

Credit only granted for: LFSC710, LFSC719, or LFSC725. Formerly: LFSC719.

*Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of original experiments for a series of research problems.*

PL01	Bretton Kent	Seats (Total: 30)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the CLFS program.</i>	

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## CMSC      Computer Science      Winter 2016

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### CMSC389B      Special Topics in Computer Science; When Computers Meet Biology

(Perm req)

Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit

*Seminar courses that allow students to pursue new and emerging areas of Computer Science; course may be used as electives for the undergraduate degree and minor.*

Prerequisite: CMSC216 and CMSC250.

0101	Eytan Ruppín, Mihai Pop	Seats (Total: 60)
	MTuWThF 11:00am - 11:50am	CSI 2117

### CMSC389J      Special Topics in Computer Science; Introduction to Advanced Javascript

(Perm req)

Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit

*Seminar courses that allow students to pursue new and emerging areas of Computer Science; course may be used as electives for the undergraduate degree and minor.*

Prerequisite: CMSC216 and CMSC250. Credit only granted for CMSC389N or CMSC389J.

0101	Nelson Padua-Perez	Seats (Total: 92)
	MTuWThF 9:00am - 9:50am	CSI 1115

### CMSC389P      Special Topics in Computer Science; Introduction to PHP, MySQL, and Apache

(Perm req)

Credits: 1      Grading Method: Regular

*Seminar courses that allow students to pursue new and emerging areas of Computer Science; course may be used as electives for the undergraduate degree and minor.*

Prerequisite: CMSC216 and CMSC250. Credit only granted for CMSC389N or CMSC389P.

0101	Nelson Padua-Perez	Seats (Total: 92)
	MTuWThF 10:00am - 10:50am	CSI 1115

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**CMSC389T      Special Topics in Computer Science; Advanced Discrete Structures**

(Perm req)

Credits: 1                      Grading Method: Regular

*Seminar courses that allow students to pursue new and emerging areas of Computer Science; course may be used as electives for the undergraduate degree and minor.*

Prerequisite: CMSC216 and CMSC250.

0101	William Gasarch	Seats (Total: 40)
	MTuWThF 1:00pm - 1:50pm	CSI 2117

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**CMSC499A      Independent Undergraduate Research**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

*Students are provided with an opportunity to participate in a computer science research project under the guidance of a faculty advisor. Format varies. Students and supervising faculty member will agree to a research plan which must be approved by the department. As part of each research plan, students should produce a final paper delineating their contribution to the field.*

0122	Michael Hicks	Seats (Total: 5)
	Contact instructor or department for details.	

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**CMSC798      Graduate Seminar in Computer Science**

Credits: 1                      Grading Method: Regular  
**Contact department for information to register for this course.**

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**CMSC898      Pre-Candidacy Research**

Credits: 1                      Grading Method: Regular

*Prerequisite: permission of instructor. Advanced topics selected by the faculty from the literature of applications of computer science to suit the interest and background of students. May be repeated for credit.*

**Contact department for information to register for this course.**

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**CMSC899****Doctoral Dissertation Research**

Credits: 1                      Grading Method: Regular

**Contact department for information to register for this course.**

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**COMM      Communication****Winter 2016**

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**COMM107      Oral Communication: Principles and Practices**Credits: 3                      Grading Method: Regular,  
Pass-Fail

General Education: FSOC

*Credit only granted for: COMM107, COMM200, ENES143, INAG110, JOUR130 or THET285.**A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.*

0101	Irina Iles	Seats (Total: 19)
	MTuWTh 9:00am - 12:30pm	KEY 0117
0102	Rong Ma	Seats (Total: 19)
	MTuWTh 9:00am - 12:30pm	KEY 0125

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**COMM201      Introduction to Public Relations**

Credits: 3                      Grading Method: Regular

*Basic concepts and principles of public relations. Roles in organizations and society; history; skills and practices of public relations; theories and models of effective and ethical public relations.*

0101	Erich Sommerfeldt	Seats (Total: 35)
	MTuWTh 1:00pm - 4:30pm	KEY 0125

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**COMM288      Communication Internship**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Pass-Fail, Audit*An individual experience arranged by the student with the instructor. Does not satisfy communication major requirements. 45 hours of supervised internship per credit hour with communication professional. Not a substitute for COMM386.*

I101	Julie Gowin	Seats (Total: 10)
	Contact instructor or department for details.	

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**COMM330****Argumentation and Public Policy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Contemporary theories of argumentation with special emphasis on methods of formulating and critiquing public policy argument.*

WB11	Jade Olson	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

**COMM369D****Special Topics in Study Abroad III; Digital Media in London**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

**COMM371****Communication and Digital Media**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Must be in Communication program. Credit only granted for: COMM371 or COMM398V. Formerly: COMM398V.*

*A basic introduction to communication in the digital age. Through class lectures, assignments and projects, students will learn to effectively use new media for the purpose of strategic message creation and management used in the field of communication. Students will apply the basics of visual layout skills and the principles of visual design to create messages using words and images.*

0101	Annie Nichols	Seats (Total: 30)
	MTuWTh 1:00pm - 4:30pm	PLS 1129

**COMM386****Experiential Learning**

(Perm req)

Credits: 3-6                      Grading Method: Regular,  
Pass-Fail    General Education: DSSP

*Prerequisite: Permission of ARHU-Communication department. Restriction: Junior standing or higher; and must be in Communication program.*

*Supervised internship experience with communication professionals. Relation of academic training to professional experience.*

Hours are completed at internship site.

**Contact department for information to register for this course.**

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**COMM388****Communication Practicum**

(Perm req)

Credits: 1-3

Grading Method: Regular,  
Pass-Fail*Supervised professional-level practice in communication.***Contact department for information to register for this course.**

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**COMM398M****Selected Topics in Communication; The Dark Side of Communication**

Credits: 3

Grading Method: Regular

*Topical study of contemporary issues in communication.*

This class will explore the paradox that our closest relationships and relational partners can also be the relationships and partners that cause us the most pain. The class will explore the theory and research related to the communication, behaviors, and emotions associated with the dark side of interpersonal relationships such as cheating, betrayal, stalking, anger, guilt in order to understand how these processes affect our wellbeing, our partners, and our relationships.

0101	Amanda Irions	Seats (Total: 35)
	MTuWTh 5:00pm - 8:30pm	KEY 0116

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**COMM401****Interpreting Strategic Discourse**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit*Prerequisite: COMM250. Restriction: Must be in Communication program.**Principles and approaches for practical analysis of discourse designed to shape audience opinion.*

0101	Yvonne Slosarski	Seats (Total: 35)
	MTuWTh 9:00am - 12:30pm	KEY 0102

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**COMM489****Topical Research; Topical Research**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit*Individualized research projects conducted with a faculty sponsor.*

0106	Leah Waks	Seats (Total: 5)
	Contact instructor or department for details.	

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**COMM798****Independent Study**

Credits: 1-3      Grading Method: Regular,  
Audit

*An individual course designed for intensive study or research of problems in communication.*

**Contact department for information to register for this course.**

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**COMM898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**COMM899      Doctoral Dissertation Research**

Credits: 1-6      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**CONS      Sustainable Development & Conservation Biology      Winter 2016**

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**CONS609I      Special Topics in Conservation Biology; Special Topics in Conservation Biology: Internship**

Credits: 1      Grading Method: Regular, Sat-  
Fail

*Lectures, experimental courses and other special instructions in various subjects in conservation biology.*

I101	Karen Lips	Seats (Total: 50)
Contact instructor or department for details.		

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**CONS798      Research Papers in Sustainable Development and Conservation Biology**

Credits: 1-4      Grading Method: Regular, Sat-  
Fail

*Work on the required scholarly paper.*

**Contact department for information to register for this course.**

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**CPSP      College Park Scholars Program      Winter 2016**

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**CPSP239J      Practicum: Internship; Individual Practicum: Media, Self, and Society**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*Supervised internship in interest area related to the theme of the students' College Park Scholars program.*

**Contact department for information to register for this course.**

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**CPSP239P**

**Practicum: Internship; Public Leadership**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

*Supervised internship in interest area related to the theme of the students' College Park Scholars program.*

I101	Jennifer Littlefield	Seats (Total: 5)
Contact instructor or department for details.		

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**CPSP279K**

**Practicum: Study Abroad; London and the British Empire, 1500-1850**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Supervised international experience that satisfies students' College Park Scholars practicum requirement.*

**Contact department for information to register for this course.**

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**CPSP279T**

**Practicum: Study Abroad; Technology and Society: Ecuador in Context**

Credits: 3                      Grading Method: Regular,                      General Education: DSSP,  
Pass-Fail, Audit                      DVCC

*Supervised international experience that satisfies students' College Park Scholars practicum requirement.*

**Contact department for information to register for this course.**

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**CPSP379A**

**Advanced Practicum: Study Abroad; Global Immersion: Australia**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Advanced, supervised study-abroad experience.*

**Contact department for information to register for this course.**

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**CPSP379B**

**Advanced Practicum: Study Abroad; Dubai and Hong Kong: Two Powerful Cities**

Credits: 3                      Grading Method: Regular,                      General Education: DVCC  
Pass-Fail, Audit

*Advanced, supervised study-abroad experience.*

**Contact department for information to register for this course.**

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**CPSP379C      Advanced Practicum: Study Abroad; International and Multicultural Perspectives in Education**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

*Advanced, supervised study-abroad experience.*

**Contact department for information to register for this course.**

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**CPSP379E      Advanced Practicum: Study Abroad; El Salvador's Children: Risk, Poverty and Education**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

*Advanced, supervised study-abroad experience.*

**Contact department for information to register for this course.**

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**CPSP379M      Advanced Practicum: Study Abroad; Global Immersion: Singapore/Malaysia**

Credits: 3                      Grading Method: Regular,                      General Education: DVUP  
   Pass-Fail, Audit

*Advanced, supervised study-abroad experience.*

**Contact department for information to register for this course.**

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**CPSP379P      Advanced Practicum: Study Abroad; Morocco: Culture and Human Rights- A Public Leadership Perspective**

Credits: 3                      Grading Method: Regular,  
   Pass-Fail, Audit

*Advanced, supervised study-abroad experience.*

**Contact department for information to register for this course.**

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## **ECON      Economics    Winter 2016**

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**ECON200      Principles of Micro-Economics**

Credits: 4                      Grading Method: Regular,                      CORE: SB                      General Education: DSHS  
   Pass-Fail, Audit

*Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Credit only granted for: ECON200, AREC240, or AREC250. Additional information: It is recommended that students complete ECON200 before taking ECON201.*

*Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.*

WB11	Thomas Hegland	Seats (Total: 65)
	Class time/details on ELMs	ONLINE

## **ECON201 Principles of Macro-Economics**

Credits: 4      Grading Method: Regular, Pass-Fail, Audit      CORE: SB      General Education: DSHS

*Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Recommended: ECON200. Credit only granted for: ECON201 or ECON205.*

*An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.*

WB11	Veronika Penciakova	Seats (Total: 65)
	Class time/details on ELMs	ONLINE

## **ECON300 Methods and Tools for Economic Analysis**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Restriction: Must be in a major within BSOS-Economics department; and must not have completed MATH240 or MATH241.*

*Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.*

0101	Ian Chadd	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 1114

## **ECON315 Economic Development of Underdeveloped Areas**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Prerequisite: ECON201 and ECON200. Credit only granted for: ECON315 or ECON416.*

*Analysis of the economic and social characteristics of underdeveloped areas. Recent theories of economic development, obstacles to development, policies and planning for development.*

0101	Stefania Scandizzo	Seats (Total: 40)
	MTuWTh 10:00am - 1:10pm	TYD 0101

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**ECON321****Economic Statistics**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Recommended: STAT100. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201.*

*Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.*

0101	Hsuan Yu	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 2111

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**ECON325****Intermediate Macroeconomic Analysis**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON305 or ECON325. Additional information: ECON305, Intermediate Macroeconomic Theory and Policy, is a different course designed for other majors besides ECON. ECON325 is accepted for major requirements, but ECON305 is not.*

*Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.*

0101	Emekcan Yucel	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 2109

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**ECON326****Intermediate Microeconomic Analysis**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON306 or ECON326. Additional information: ECON306, Intermediate Microeconomic Theory and Policy, is a different course designed for other majors besides economics. ECON326 is accepted for ECON major requirements, but ECON306 is not.*

*Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asymmetric information.*

0101	Svetlana Pivovarova	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 2111

### ECON330 Money and Banking

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ECON201 and ECON200.*

*The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.*

0101	Joonkyu Choi	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 2106

### ECON424 Computer Methods in Economics

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: 1 course with a minimum grade of C- from (ECON325, ECON326); and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department.*

*Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.*

0101	Yi Zhao	Seats (Total: 38)
	MTuWTh 1:00pm - 4:10pm	LEF 0229
0102	Yongjoon Park	Seats (Total: 38)
	MTuWTh 9:30am - 12:40pm	LEF 0229

### ECON454 Public Finance and Public Policy

Credits: 3 Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Minimum grade of C- in ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON350 or ECON454.*

*Study of welfare economics and the theory of public goods, taxation, public expenditures, benefit-cost analysis, and state and local finance. Applications of theory to current policy issues.*



0101	Kenneth Coriale	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 0102

## ECON642 Topics in Applied Macroeconomics

Credits: 3      Grading Method: Regular,  
Audit

*Restriction: Must be in M.Prof.Studies: Applied Economics program; or permission of BSOS-Economics department.*

*Focus is on applied macroeconomic models used by federal agencies to explain and predict economic behavior. Course emphasizes macroeconomic data: NIPA accounts, GDP, construction and application of CPI, labor force data and economic indicators. Students will also study a selected set of current macroeconomic topics including models of economic growth, economic fluctuations, monetary policy, inflation and financial markets.*

PR01	Lauren Bresnahan	Seats (Total: 27)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Tu 6:45pm - 9:30pm	Location: TBA
	Class time/details on ELMs	ONLINE      Discussion
	<i>Restricted to students in the Professional Economics Program. This course meets at 1400 16th St, NW, Suite 140, Washington, DC.</i>	

## ECON644 Empirical Analysis II: Introduction to Economic Models

Credits: 3      Grading Method: Regular,  
Audit

*Prerequisite: ECON643.*

*An introduction to econometric methods with applications to public policy analysis. Primary focus on application and interpretation of multiple regression analysis.*

PR01	Erkan Erdem	Seats (Total: 16)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	M 6:45pm - 9:30pm	Location: TBA
	Class time/details on ELMs	ONLINE      Discussion
	<i>Restricted to students in the Professional Economics Program. This course meets at 1400 16th St, NW, Suite 140, Washington, DC.</i>	

PR02	Razvan Vlaicu	Seats (Total: 16)
<b>Meets November 30, 2015 - February 19, 2016</b>		
W 6:45pm - 9:30pm		Location: TBA
Class time/details on ELMs		ONLINE      Discussion
<i>Restricted to students in the Professional Economics Program. This course meets at 1400 16th St, NW, Suite 140, Washington, DC.</i>		

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## ECON672      Program Analysis and Evaluation

Credits: 3      Grading Method: Regular,  
Audit

*Prerequisite: ECON641 and ECON645.*

*Students study the tools used to evaluate the effectiveness of public policies. All evaluations have weaknesses, and some have more weaknesses than others. You will learn how to distinguish high from low quality evaluations. We will discuss the basic economics and econometrics of program evaluation, focusing on the application of methods used for causal inference and cost-benefit analyses in public policy contexts. We will examine published evaluation research with the intent of showing how the research does or does not lead to clear conclusions regarding program performance.*

PR01	Ryan Nunn	Seats (Total: 18)
<b>Meets November 30, 2015 - February 19, 2016</b>		
M 6:45pm - 9:30pm		Location: TBA
Class time/details on ELMs		ONLINE      Discussion
<i>Restricted to students in the Professional Economics Program. This course meets at 1400 16th St, NW, Suite 140, Washington, DC.</i>		

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## ECON684      Applied Time Series Analysis and Forecasting

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ECON642; and ECON645. Restriction: Must be in M.Prof.Studies: Applied Economics program.*

*This course builds on the brief introduction to time series econometrics offered in ECON 645. Students will learn the theory of stationary processes and how it applies to econometric techniques for estimation and forecasting based on time series data. The techniques will be applied in macroeconomic, financial and business applications.*

PR01	Brendan Epstein	Seats (Total: 24)
<b>Meets November 30, 2015 - February 19, 2016</b>		
W 6:45pm - 9:30pm		Location: TBA
Class time/details on ELMs	ONLINE	Discussion
<i>Restricted to students in the Professional Economics Program. This course meets at 1400 16th St, NW, Suite 140, Washington, DC.</i>		

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**ECON698      Selected Topics in Economics**

Credits: 3      Grading Method: Regular,  
Audit  
**Contact department for information to register for this course.**

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**ECON898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**ECON899      Doctoral Dissertation Research**

(Perm req)      Credits: 1-8      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**EDCI      Curriculum and Instruction      Winter 2016**

**EDCI437      English Grammar Pedagogy for Teachers of English Language Learners**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit  
*Credit only granted for: EDCI437 or EDCI488P. Formerly: EDCI488P.*

*Methods of teaching English grammar to English language learners. The role of teaching grammar. Effective methods and techniques for incorporating grammar in other communication activities.*

IH60	Jeff MacSwan	Seats (Total: 5)
Class time/details on ELMs		ONLINE
<i>MCert Outreach Program. Registration restricted to program participants. Department permission required.</i>		

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**EDCI463      Reading in the Secondary School**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Minimum cumulative GPA of 2.75; and must be in one of the following programs (Middle School Education; Secondary Educ: Science; Secondary Educ: English Language Arts; Secondary Educ: Mathematics; Secondary Educ: Foreign Languages; Secondary Educ: Social Studies; Secondary Educ: Art) ; and permission of department required for post-baccalaureate students.*

*Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.*

0101	Wayne Slater	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	EDU 2119

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**EDCI488K      Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**

Credits: 3                      Grading Method: Regular,                      General Education: DSHU,  
Pass-Fail, Audit                      DVCC

**Contact department for information to register for this course.**

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**EDCI788K      Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**

Credits: 3                      Grading Method: Regular,  
Audit

*Current topics and issues in teacher education.*

**Contact department for information to register for this course.**

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**EDCI798      Special Problems in Teacher Education**

Credits: 1-6                      Grading Method: Regular,  
Audit

*Intended for Masters, AGS, or doctoral students in education who desire to pursue a research problem.*

**Contact department for information to register for this course.**

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**EDCI888      Apprenticeship in Education**

Credits: 1-8                      Grading Method: Regular,  
Audit

*Apprentice practice under professional supervision. Credit not to be granted for experience accrued prior to registration. Open only to degree- and certificate-seeking graduate students.*

**Contact department for information to register for this course.**

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**EDCI898****Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0105	Tara Brown	Seats (Total: 5)
Contact instructor or department for details.		
0106	Victoria MacDonald	Seats (Total: 5)
Contact instructor or department for details.		
0107	Linda Valli	Seats (Total: 5)
Contact instructor or department for details.		
0132	Jeff MacSwan	Seats (Total: 5)
Contact instructor or department for details.		
0135	David Imig	Seats (Total: 5)
Contact instructor or department for details.		
0152	Francine Hultgren	Seats (Total: 5)
Contact instructor or department for details.		

**EDCI899****Doctoral Dissertation Research**

(Perm req)

Credits: 6      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

**EDCP****Education Counseling and Personnel Services****Winter 2016****EDCP108B****College and Career Advancement: Concepts and Skills; Winterterm Study Skills Program**

Credits: 1      Grading Method: Regular, Pass-Fail, Audit

*Knowledge and skills designed to enhance college as a learning experience or preparation for life.*

This is an online class. There will be one individual meeting with the instructor - to be arranged face-to-face or via computer. Course registration is closed to seniors. Seniors may request enrollment with permission from the instructor and only if seats are available. For more information, please contact the course instructor by email.

WB11	Beverly Greenfeig, Shirley Browner	Seats (Total: 25)
	<b>Meets January 6, 2016 - January 20, 2016</b>	
	Class time/details on ELMs	ONLINE

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**EDCP665      Family and Social Support Systems**

Credits: 3                      Grading Method: Regular,  
   Audit

*Recommended: EDCP610.*

*Principles and methods useful for understanding the role of family support systems in counseling.  
Specialized skills for counseling impaired adults and their families.*

Meets January 4, 6, 8, 11, 13, 15, 18, 20, 22 from 6:00 pm - 10:00 pm and on Saturday, January 9 and 16 from 1:00 pm - 6:00 pm.

0101	MARJA HUMPHREY	Seats (Total: 20)
	MWF 6:00pm - 10:00pm	EDU 2119
	Sa 1:00pm - 6:00pm	EDU 2119

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**EDCP789      Advanced Topics in Counseling and Personnel Services**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**EDCP798      Special Problems in Counseling and Personnel Services; Special Problems in Counseling and Personnel Services**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
   Audit

*Master's AGS, or doctoral candidates who desire to pursue special research problems under the direction of their advisers may register for credit under this number.*

Individual Instruction course: contact department or instructor to obtain section number for winter term.

**Contact department for information to register for this course.**

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**EDCP799      Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular, Sat-  
   Fail

*Registration required to the extent of six hours for Master's thesis.*

**Contact department for information to register for this course.**

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**EDCP888****Apprenticeship in Counseling and Personnel Services**

Credits: 1-8

Grading Method: Regular,  
Audit

*Apprentice practice under professional supervision in an area of competence compatible with the student's professional goals. Credit not to be granted for experience accrued prior to registration. Open only to degree- and certificate-seeking graduate students.*

**Contact department for information to register for this course.**

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**EDCP889****Internship in Counseling and Personnel Services**

Credits: 1-8

Grading Method: Regular,  
Audit

*Internship experiences at a professional level of competence in a particular role with appropriate supervision. Credit not to be granted for experience accrued prior to registration. Open only to students advanced to candidacy for doctoral degree.*

**Contact department for information to register for this course.**

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**EDCP898****Pre-Candidacy Research**

Credits: 1-8

Grading Method: Regular, Sat-  
Fail**Contact department for information to register for this course.**

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**EDCP899****Doctoral Dissertation Research**

Credits: 1-8

Grading Method: Regular, Sat-  
Fail

*Registration required to the extent of 12-18 hours for a Ph.D. Dissertation.*

**Contact department for information to register for this course.**

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**EDHI****Education Leadership, Higher Ed  
and International Ed****Winter 2016**

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**EDHI338A****Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Race/Ethnicity**

(Perm req)

Credits: 1

Grading Method: Regular,  
Pass-Fail, Audit

General Education: DVCC

*Engages students, from one or more cultural identity groups, in facilitated dialogue about the similarities and differences of experience that exist within a group and/or between and across groups. The goal of intergroup dialogue is for students to develop comfort with, and skill for, discourse on difficult topics toward the end of fostering positive, meaningful, and sustained cross-group relationships. Whereas in debate, students learn to listen to gain advantage, in intergroup dialogue, students learn to listen to gain understanding. In so doing, students develop increased multicultural interaction facility, heightened intergroup awareness and sensitivity, and greater commitment to civic engagement.*

0101	Alison Mojto, Tricia Homer	Seats (Total: 10)
	MTuW 5:00pm - 7:30pm	MMH 2411

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**EDHI488C      Special Topics in Education Policy and Administration; World Religions and Their Implications for Education**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special and intensive treatment of current topics and issues in education policy and administration.*

Meets January 4, 6, 7, 11, 13, 14, 2016, plus 8 hours lab of independent study. Students develop a basic understanding of world religions, looking at their origins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century.

0101	Jing Lin	Seats (Total: 20)
	<b>Meets January 4, 2016 - January 14, 2016</b>	
	MWTh 4:00pm - 9:00pm	EDU 1315
	Contact instructor or department for details.	

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**EDHI489      Field Experiences in Education**

Credits: 1-4                      Grading Method: Regular,  
Pass-Fail, Audit

*Planned field experience in education-related activities. Credit not to be granted for experiences accrued prior to registration.*

**Contact department for information to register for this course.**

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**EDHI679      Master's Seminar**

Credits: 3                      Grading Method: Regular,  
Audit

*Directed study for master's degree students writing seminar papers.*

**Contact department for information to register for this course.**



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**EDHI683      World Religions and Their Implications for Education**

Credits: 3                      Grading Method: Regular,  
   Audit

*Credit only granted for: EDHI683 or EDHI788C. Formerly: EDHI788C.*

*Students develop a basic understanding of world religions, looking at their origins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century.*

Meets January 4, 6, 7, 11, 13, 14, 2016.

0101	Jing Lin	Seats (Total: 20)
	<b>Meets January 4, 2016 - January 14, 2016</b>	
	MWTh 4:00pm - 9:00pm	EDU 1315
	Contact instructor or department for details.	

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**EDHI788E      Special Topics in Education Policy and Administration**

Credits: 3                      Grading Method: Regular

*Special and intensive treatment of current topics and issues in education policy and administration.*

0101	Sally Swann	Seats (Total: 10)
	MWTh 12:00pm - 4:00pm	WDS 1127

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**EDHI788T      Special Topics in Education Policy and Administration; International Education and Cultural Exchange: Policies and Practices**

Credits: 1-3                      Grading Method: Regular,  
   Audit

*Special and intensive treatment of current topics and issues in education policy and administration.*

Dates offered: January 4, 5, 11, 12, 20, Mon & Tues from 4:15-7; January 7, 14, and 21 from 9am-5pm. This seminar course will survey key aspects of international education administration in a U.S. higher education setting and is designed to introduce students to various arenas of the international education field with an emphasis on the internationalization efforts of American universities, current trends in the field and the challenges involved in undertaking these exchanges. Thursday's classes will involve site visits to organizations in the Washington, DC area who are engaged in international education.

0101	Taylor Woodman	Seats (Total: 20)
	<b>Meets January 4, 2016 - January 22, 2016</b>	
	MTu 4:15pm - 7:00pm	EDU 2101
	Th 10:00am - 5:00pm	EDU 2101

### EDHI788Z

(Perm req)

### Special Topics in Education Policy and Administration; Race/Ethnicity Intergroup Dialogue

Credits: 1      Grading Method: Regular,  
Audit

*Special and intensive treatment of current topics and issues in education policy and administration.*

Restricted: Permission of department required.

0101	Alison Mojto, Tricia Homer	Seats (Total: 10)
	MTuW 5:00pm - 7:30pm	MMH 2411

### EDHI798

(Perm req)

### Special Problems in Education

Credits: 1-6      Grading Method: Regular,  
Audit

*Master's, AGS, or doctoral candidates who desire to pursue special research problems under the direction of their advisors may register for credit under this number.*

**Contact department for information to register for this course.**

### EDHI888

(Perm req)

### Apprenticeship in Education

Credits: 1-8      Grading Method: Regular,  
Audit

*Apprentice practice under professional supervision in an area of competence compatible with the student's professional goals. Credit not to be granted for experience accrued prior to registration. Open only to degree- and certificate-seeking graduate students.*

0135	Alberto Cabrera	Seats (Total: 5)
	Contact instructor or department for details.	

### EDHI889

### Internship in Education

Credits: 3-8      Grading Method: Regular,  
Audit

*Internship experiences at a professional level of competence in a particular role with appropriate supervision. Credit not to be granted for experience accrued prior to registration. Open only to students advanced to candidacy for doctoral degree.*

**Contact department for information to register for this course.**

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**EDHI898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0135	Alberto Cabrera	Seats (Total: 5)
Contact instructor or department for details.		

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**EDHI899      Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

*Registration required to the extent of 6-9 hours for an Ed.D. Project and 12-18 hours for a Ph.D. Dissertation.*

**Contact department for information to register for this course.**

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**EDMS      Measurement, Statistics, and Evaluation      Winter 2016**

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**EDMS798      Special Problems in Education**

Credits: 1      Grading Method: Regular, Audit

*Master's, EDMS majors, or doctoral candidates who desire to pursue special research problems under the direction of their advisors may register for credit under this number.*

0102	Gregory Hancock	Seats (Total: 1)
Contact instructor or department for details.		

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**EDPS      Education Policy Studies      Winter 2016**

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**EDPS679      Master's Seminar**

Credits: 3      Grading Method: Regular, Audit

*Directed study for master's degree students writing seminar papers.*

**Contact department for information to register for this course.**

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**EDPS788C****Special Topics in Education Policy and Administration; Culture, Identity and Experience in Education**

Credits: 3

Grading Method: Regular,  
Audit*Special and intensive treatment of current topics and issues in education policy and administration.*

This course will also meet on Tuesday, January 19th from 4:15-7pm.

0101	Beth Cohen	Seats (Total: 15)
	MW 4:15pm - 7:30pm	EDU 1107
	Class time/details on ELMs	ONLINE

**EDPS798****Special Problems in Education**

Credits: 1-6

Grading Method: Regular,  
Audit*Master's, AGS, or doctoral candidates who desire to pursue special research problems under the direction of their advisors may register for credit under this number.***Contact department for information to register for this course.****EDPS889****Internship in Education**

Credits: 3-8

Grading Method: Regular,  
Audit*Internship experiences at a professional level of competence in a particular role with appropriate supervision. Credit not to be granted for experience accrued prior to registration. Open only to students advanced to candidacy for doctoral degree.***Contact department for information to register for this course.****EDSP****Education, Special****Winter 2016****EDSP210****Introduction to Special Education**

Credits: 3

Grading Method: Regular,  
Audit

General Education: DVUP

*Restriction: Sophomore standing or lower. Credit only granted for: EDSP210 or EDSP470.**Characteristics and needs of individuals receiving special education and related services. Current issues and practices in special education.*

WB11	Sarah Mallory	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

**EDSP220****Disability in Community: Access, Accommodation, and Adaptation**

Credits: 3

Grading Method: Regular

General Education: DSSP,  
DVCC

*Examines the concept of disability in a variety of community settings. Drawing on classic and contemporary readings in psychology, sociology and special education, the course will couple conceptual and historical understanding of disability with first-hand service-learning experiences in the community. Students will develop a plan in several phases that encompasses principles of Universal Design for Living/Learning (UDL) to study and participate in community-based activities.*

0101	Carolyn Fink	Seats (Total: 15)
	MWF 4:00pm - 7:00pm	ARC 1125
	Contact instructor or department for details.	

**EDSP470****Introduction to Special Education**

Credits: 3

Grading Method: Regular,  
Audit

General Education: DVUP

*Restriction: Must not have completed EDSP210. Credit only granted for: EDSP210 or EDSP470.*

*Designed to give an understanding of the needs of all types of exceptional children.*

WB11	Sarah Mallory	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

**EDSP488B****Selected Topics in Teacher Education; El Salvador's Children: Risk, Poverty and Education**

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

**EDSP788B****Selected Topics in Special Education; El Salvador's Children: Risk, Poverty and Education**

Credits: 3

Grading Method: Regular,  
Audit

*Current topics and issues in teacher education.*

**Contact department for information to register for this course.**

**EDSP798****Special Problems in Special Education**

Credits: 1-6

Grading Method: Regular,  
Audit

*Intended for Master's, AGS, or doctoral students in education who desire to pursue a research problem.*

**Contact department for information to register for this course.**

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**EDSP799**

**Master's Thesis Research**

Credits: 1-6

Grading Method: Regular, Sat-  
Fail

*Registration required to the extent of six hours for Master's thesis.*

**Contact department for information to register for this course.**

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**EDSP888**

**Apprenticeship in Special Education**

Credits: 1-8

Grading Method: Regular,  
Audit

*Apprentice practice under professional supervision in an area of competence compatible with the student's professional goals. Credit not to be granted for experience accrued prior to registration. Open only to degree- and certificate- seeking graduate students.*

**Contact department for information to register for this course.**

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**EDSP888A**

**Apprenticeship in Special Education; Apprenticeship in College Teaching**

Credits: 3

Grading Method: Regular

*Apprentice practice under professional supervision in an area of competence compatible with the student's professional goals. Credit not to be granted for experience accrued prior to registration. Open only to degree- and certificate- seeking graduate students.*

**Contact department for information to register for this course.**

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**EDSP889**

**Internship in Special Education**

Credits: 3-8

Grading Method: Regular,  
Audit

*Internship experiences at a professional level of competence in a particular role with appropriate supervision. Credit not to be granted for experience accrued prior to registration. Open only to students advanced to candidacy for doctoral degree.*

**Contact department for information to register for this course.**

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**EDSP898**

**Pre-Candidacy Research**

Credits: 1-8

Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**EDSP899**

**Doctoral Dissertation Research**

Credits: 1-8

Grading Method: Regular, Sat-  
Fail

Registration required to the extent of 6-9 hours for an Ed.D. Project and 12-18 hours for a Ph.D. dissertation.

Contact department for information to register for this course.

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## ENAE      Engineering, Aerospace      Winter 2016

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### ENAE488D      Topics in Aerospace Engineering; Computer Aided Design

(Perm req)

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Technical elective taken with the permission of the student's advisor and instructor. Lecture and conference courses designed to extend the student's understanding of aerospace engineering. Current topics are emphasized.*

Prerequisite: ENAE200 or permission required. Introduction to computer graphics in computer-aided design.

0101	Evandro Valente	Seats (Total: 15)
	MTuWTh 9:00am - 12:45pm	EGR 0309

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### ENAE899      Doctoral Dissertation Research

(Perm req)

Credits: 1-6      Grading Method: Sat-Fail

Contact department for information to register for this course.

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## ENCE      Engineering, Civil      Winter 2016

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### ENCE689      Seminar

Credits: 1-16      Grading Method: Regular,  
Audit

0112	Peter Chang	Seats (Total: 1)
	Contact instructor or department for details.	

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### ENCE799      Master's Thesis Research

Credits: 1-6      Grading Method: Regular, Sat-Fail

0108	Ali Haghani	Seats (Total: 2)
	Contact instructor or department for details.	
0301	Qingbin Cui	Seats (Total: 1)
	Contact instructor or department for details.	

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**ENCE899      Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0108	Ali Haghani	Seats (Total: 2)
Contact instructor or department for details.		
0120	Yunfeng Zhang	Seats (Total: 2)
Contact instructor or department for details.		
0121	Steven Gabriel	Seats (Total: 5)
Contact instructor or department for details.		
4801	Lei Zhang	Seats (Total: 5)
Contact instructor or department for details.		

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**ENCH      Engineering, Chemical      Winter 2016**

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**ENCH799      Master's Thesis Research; Masters Thesis Research**

Credits: 1-6      Grading Method: Regular, Sat-Fail

0126	Srinivasa Raghavan	Seats (Total: 5)
Contact instructor or department for details.		

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**ENCH898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0106	Mikhail Anisimov	Seats (Total: 5)
Contact instructor or department for details.		

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**ENCH899      Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

Contact department for information to register for this course.

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**ENCO      Engineering, Cooperative Education      Winter 2016**

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**ENCO098      Co-op/Internship Work Experience; Co-op/Intern Work Experience**



Credits: 0      Grading Method: Sat-Fail

*Participation in a cooperative education (co-op) or internship program enables students to apply the theories that they have learned in their traditional classes with paid, supervised, career-related work experience that develops technical and professional work skills. Contact the Engineering Co-op & Career Services Office.*

Participation in a cooperative education (co-op) or internship program combines classroom theory with paid, supervised, career-related work experience that develops technical and professional work skills. Programs are open to undergraduate and graduate students in all majors in the School of Engineering. Undergraduate students must have a 2.0 GPA to participate and graduate students a 3.0 GPA. Contact the Engineering Co-op and Career Services Office for more information.

CP02	Veronica Perrigan	Seats (Total: 10)
Contact instructor or department for details.		

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## ENEE      Electrical & Computer Engineering      Winter 2016

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### ENEE131      Technology Choices

Credits: 3	Grading Method: Regular, Pass-Fail, Audit	CORE: IE	General Education: DSSP, SCIS
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*An exploration of the positive and negative effects of technology on society, via diverse criteria to assess the relative well being of individuals and society; an examination of how society can help shape the future of technology and the tools that can be used to make wise technology choices.*

0101	Wesley Lawson	Seats (Total: 30)
	MTuWThF 10:00am - 12:50pm	CSI 2120

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### ENEE200      Social and Ethical Dimensions of Engineering Technology

Credits: 3	Grading Method: Regular, Pass-Fail, Audit	CORE: IE	General Education: DSHU
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*Restriction: Sophomore standing or higher.*

*Designed for both engineering and non-engineering students wishing to explore and assess the impact of engineering technology on society and the role of society in generating that technology. Special emphasis is placed on the interplay of diverse and often conflicting personal and collective values in both the development and implementation of new technologies. These subjects touch on many areas of interest including ethics, politics, business, the law, and society.*

0101	Nicole Mogul	Seats (Total: 20)
	MTuWThF 10:00am - 12:00pm	CSI 1121
	MTuWThF 1:00pm - 3:00pm	CSI 2118      Discussion

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**ENEE899****Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Sat-Fail

I102	Instructor: TBA	Seats (Total: 10)
Contact instructor or department for details.		

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**ENES      Engineering Science****Winter 2016**

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**ENES102****Mechanics I**

(Perm req)

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Corequisite: MATH140. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Formerly: ENES110.*

*The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.*

0101	Kevin Calabro	Seats (Total: 55)
	MTuWThF 10:00am - 2:00pm	EGR 1108

**ENES220****Mechanics II**

(Perm req)

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering; and must not be in Engineering: Electrical program.*

*Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.*

0101	Stephen Kamakaris	Seats (Total: 42)
	MTuWThF 10:00am - 2:00pm	CSI 2107

**ENES232****Thermodynamics**Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: PHYS261 and PHYS260. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Credit only granted for: BIOE232, CHBE300, ENCH300, ENES232, ENMA461, ENME320, or ENME232. Formerly: ENME232 and ENME320.*

*Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.*

0101	Kristen Hines	Seats (Total: 65)
	MTuWThF 9:00am - 1:00pm	JMP 3201

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### **ENES316 Global Leadership in Engineering, Business, & Technology**

Credits: 3                      Grading Method: Regular

*Restriction: Must be in a major in ENGR-A. James Clark School of Engineering; or permission of instructor. Additional information: Students will be required to participate in off-campus industry visits outside of the formal class meeting time.*

*An introduction to global leadership research, theories, and practice with an emphasis on applied dimensions of global leadership in the engineering, business, and technology sectors. This course prepares students to further their knowledge and capacities for global leadership to be successful in industry.*

**Contact department for information to register for this course.**

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### **ENES458A Topics in International Engineering; Engineers Without Borders: Leadership Seminar**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*A variety of topics related to engineering in a global context are discussed including cultural aspects, cross-cultural communication, international standards and law, and engineering and technology issues, business behavior, attitudes and values of selected countries and regions.*

**Contact department for information to register for this course.**

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### **ENES458C Topics in International Engineering; Leadership Seminar-Monitoring\_Burkina Faso**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*A variety of topics related to engineering in a global context are discussed including cultural aspects, cross-cultural communication, international standards and law, and engineering and technology issues, business behavior, attitudes and values of selected countries and regions.*

**Contact department for information to register for this course.**

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### **ENES458I Topics in International Engineering; Engineers Without Borders-Leadership Seminar**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*A variety of topics related to engineering in a global context are discussed including cultural aspects, cross-cultural communication, international standards and law, and engineering and technology issues, business behavior, attitudes and values of selected countries and regions.*

**Contact department for information to register for this course.**

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**ENES460                      Fundamentals of Technology Start-Up Ventures**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Formerly: ENES489A.*

*Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.*

WB11	Cait von Schnetlage	Seats (Total: 100)
	Class time/details on ELMs	ONLINE

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**ENES463                      Strategies for Managing Innovation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Emphasizes how the technology entrepreneur can use strategic management of innovation and technology to enhance firm performance. Examines the process of technological change, the ways that firms come up with innovations, the strategies that firms use to benefit from innovation, and the process of formulating technology strategy. Provides frameworks for analyzing key aspects of these industries and teaches students how to apply these frameworks.*

WB11	Thomas Mierzwa	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**ENES472                      International Business Cultures in Engineering and Technology**

Credits: 3                      Grading Method: Regular,                      General Education: DVCC  
Pass-Fail, Audit

*Prerequisite: Permission of ENGR-A. James Clark School of Engineering. Restriction: Sophomore standing or higher. Also offered as: SLLC472. Credit only granted for: ARHU439B, ARHU439E, ARHU439T, ENES472, SLLC471, SLLC472, or SLLC473. Formerly: ARHU439T.*

*The goal is to provide students with an understanding of cultural aspects pertaining to global business and engineering and develop the cultural understanding, attitudes, and communication skills needed to function appropriately within an increasingly global and multicultural working environment.*

**Contact department for information to register for this course.**

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**ENES489Q      Special Topics in Engineering; Biotechnology and Bioproduction**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics in engineering.*

Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing, in classroom and pilot plant settings. Students will work through a "production campaign" including all key steps of manufacturing a protein product. Also offered as BIOE468B.

0101	Ben Woodard	Seats (Total: 20)	
	MTuWThF 1:00pm - 2:50pm	KEB 1200	
	MTuWThF 3:00pm - 4:00pm	CHE 1203	Lab

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**ENES664      Business Modeling and Customer Validation**

Credits: 3                      Grading Method: Regular,  
Audit

*Focuses on how to create and deliver value for customers and extract value for the new venture. Develop business models that encompass the product or service, customers, and the economic engine to meet the venture's financial and growth objectives. Introduces a structured way to think about, analyze, and develop a sound business model that is customer validated.*

PLM1	Daniel Gordon	Seats (Total: 50)	
	<b>Meets November 30, 2015 - February 19, 2016</b>		
	Class time/details on ELMs	ONLINE	
	<i>Restricted to students in the MPTE Program.</i>		

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**ENES665      Innovative Thinking**

Credits: 3                      Grading Method: Regular

*Introduces students to new and powerful tools to boost their creative problem solving skills. Participants re-discover their communication and teaming skills. Students unlock their creativity potential, and explore win-win approaches to define and solve problems of different kinds. Students are also introduced to topics related to intellectual property.*

PLM1	Frankie Abralind	Seats (Total: 50)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the MPTE Program.</i>	

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## ENFP      Engineering, Fire Protection      Winter 2016

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### ENFP429      Independent Studies

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*For students who have definite plans for individual study of approved problems, or study of an advanced topic selected in conjunction with the faculty.*

**Contact department for information to register for this course.**

### ENFP621      Analytical Procedures of Structural Fire Protection

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

*Prerequisite: ENFP405 and ENFP312.*

*Analysis procedures for structural components of wood, steel, concrete, composites. Structural capabilities, modifications under fire induced exposures. Calculations, computer models for predicting fire resistance ratings of structural components.*

EF01	Darlene Rini	Seats (Total: 40)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE

### ENFP651      Advanced Fire Dynamics

Credits: 3      Grading Method: Regular,  
Audit

*Credit only granted for: ENFP629A or ENFP651. Formerly: ENFP629A.*

*A review of the basic chemistry and physics necessary to understanding fire dynamics; and of the physics of heat transfer and turbulent fluid flow will be given. The nature and structure of premixed and diffusion flames will be presented.*

EF01	Douglas Carpenter	Seats (Total: 40)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE

## ENFP799 Master's Thesis Research

Credits: 1-6      Grading Method: Regular, Sat-Fail

*Development and completion of Master's Thesis.*

**Contact department for information to register for this course.**

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# ENGL      English      Winter 2016

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## ENGL245 Film Form and Culture

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HA      General Education: DSHU

*Restriction: Must not have completed FILM245. Also offered as: FILM245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214.*

*Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.*

WB11	Paul Cote	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

## ENGL265 Lesbian, Gay, Bisexual, and Transgender Literatures

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HL, D      General Education: DSHU, DVUP

*Restriction: Must not have completed LGBT265. Also offered as: LGBT265. Credit only granted for: ENGL265 or LGBT265.*

*Exploration of literary and cultural expressions of sexuality and gender. Study of a range of historical periods and literary genres, such as essay, poetry, novel, drama, film. Topics include sexual norms and dissidence, gender identity and expression, the relationship between aesthetic forms and sexual subjectivity. Interpretation of texts particularly through the lens of queer theory. Examination of how sex and gender intersect with other forms of difference, including race and class.*

Restriction: Must not have completed LGBT265. Also offered as: LGBT265. Exploration of literary and cultural expressions of sexuality and gender . Study of a range of historical periods and literary genres, such as essay, poetry, novel, drama, film. Topics include sexual norms and dissidence, gender identity and expression, the relationship between aesthetic forms and sexual subjectivity. Interpretation of texts particularly through the lens of queer theory. Examination of how sex and gender intersect with other forms of difference, including race and and class.

*Click here for more course information.*

WB11	James Goodwin	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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## ENGL295

### Literature in a Wired World

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      CORE: HL                      General Education: DSHU

*Credit only granted for: ENGL278W or ENGL295. Formerly: ENGL278W.*

*An introduction to the changing nature of books, texts, and narrative in Information Age. Role of book in relation to other media, history of computers and writing, influence of computing on contemporary literature and culture, emerging forms of digital narrative and reading. Practical skills taught range from how to find digital literature and other texts online to using Web media to create literary works.*

*Click here for more course information.*

WB11	Kathryn Kaczmarek	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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## ENGL304

### The Major Works of Shakespeare

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      General Education: DSHU

*Restriction: Must not have completed ENGL403 or ENGL404.*

*Representative early, middle, and later works, including comedies, tragedies, histories, and romances. Historical and cultural contexts.*

*Click here for more course information.*

WB11	Theodore Kaouk	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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## ENGL321

### American Comics



Credits: 3                      Grading Method: Regular,  
Pass-Fail

*Survey of the long and vibrant history of the American graphic novel, from its origins in newspapers, through the underground comix movement of the 1960s, to its present moment of cultural ascendancy. Exploration of the representational possibilities of comics, the graphic novel, and graphic narrative more broadly as well as the history of its incorporation into high culture.*

WB11	Linda Macri	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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**ENGL369D      Special Topics in Study Abroad III; Australian Literature and Culture, Aboriginal to Contemporary**

Credits: 1-6                      Grading Method: Regular,                      General Education: DSHU,  
Pass-Fail, Audit                      DVCC

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**ENGL369N      Special Topics in Study Abroad III; Literature and Culture\_New Zealand**

Credits: 3                      Grading Method: Regular,                      General Education: DSHU,  
Pass-Fail, Audit                      DVCC

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**ENGL369Y      Special Topics in Study Abroad III; Australian Literature and Culture**

Credits: 3-6                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**ENGL393      Technical Writing**

Credits: 3                      Grading Method: Regular                      General Education: FSPW

*Prerequisite: ENGL 101; or students who have taken courses with comparable content may contact the department. Restriction: Must have earned a minimum of 60 credits.*

*The writing of technical papers and reports.*

WB11	Phillip Moses	Seats (Total: 19)
	Class time/details on ELMs	ONLINE

WB12	Pamela Orel	Seats (Total: 19)
	Class time/details on ELMs	ONLINE

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**ENGL479D      Selected Topics in English and American Literature after 1800; J.R.R. Tolkien: Middle Earth and Beyond**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

WB11	Christopher Crane	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**ENGL699      Independent Study**

Credits: 1-3                      Grading Method: Regular,  
Audit

0104	Ralph Bauer	Seats (Total: 10)
	Contact instructor or department for details.	

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**ENME      Engineering, Mechanical      Winter 2016**

**ENME361      Vibration, Controls and Optimization I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ENES220, ENES221, and MATH246; and (ENME271 or MATH206). Restriction: Must be in Engineering: Mechanical program.*

*Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.*

0101	Vincent Nguyen	Seats (Total: 44)
	MTuWThF 10:00am - 1:00pm	EGR 1104

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**ENME400      Machine Design**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Must have completed or be concurrently enrolled in ENME361. Restriction: Permission of ENGR-Mechanical Engineering department.*

*Design of mechanical elements and planar machines. Failure theories. Design of pressure vessels, joints, rotating elements, and transmission elements. Kinematic structures, graphical, analytical, and numerical analysis and synthesis of linkages, gear trains, and flywheels are covered.*

0101	Thomas Beigel	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	EGR 0135

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## **ENME414      Computer-Aided Design**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: MATH241; or students who have taken courses with comparable content may contact the department. Credit only granted for: ENME 414 or ENME272.*

*Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.*

0101	Guangming Zhang	Seats (Total: 42)
	MTuWThF 9:00am - 12:00pm	KEB 2111
0102	Guangming Zhang	Seats (Total: 42)
	MTuWThF 12:00pm - 3:00pm	KEB 2111

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## **ENME445      Design for Reliability**

Credits: 3                      Grading Method: Regular,  
Pass-Fail

*Restriction: Junior standing or higher.*

*Failure prevention, accident prevention, design requirements analysis, designing right the first time, high system reliability, software reliability, manufacturing defect prevention, life cycle costs reduction, design reviews, managing the design for reliability, design trustworthiness, product durability, and writing good specifications are covered.*

0101	Baldev Raheja	Seats (Total: 10)
	MTuWThF 9:00am - 12:00pm	JMP 2217
WB11	Baldev Raheja	Seats (Total: 5)
	Class time/details on ELMs	ONLINE

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## **ENME462      Vibrations, Controls, and Optimization II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: ENME351 and ENME361.*

*Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.*

0101	Steven Mitchell	Seats (Total: 45)
	MTuWThF 9:00am - 12:00pm	CHE 2118

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**ENME470                      Finite Element Analysis**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Senior standing; and permission of ENGR-Mechanical Engineering department.*

*Basic concepts of the theory of the finite element method. Applications in solid mechanics and heat transfer.*

0101	Chandrasekhar Thamire	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	KEB 2107

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**ENME488                      Special Problems**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Advanced problems in mechanical engineering with special emphasis on mathematical and experimental methods.*

**Contact department for information to register for this course.**

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**ENME799                      Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**ENME808                      Advanced Topics in Mechanical Engineering**

Credits: 2-3                      Grading Method: Regular,  
Audit

**Contact department for information to register for this course.**

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**ENME898****Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

**ENME899****Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

**ENPM****Engineering, Professional Masters****Winter 2016****ENPM808****Advanced Topics in Engineering**

Credits: 1-3      Grading Method: Regular, Audit

*Advanced topics selected by the faculty for students in the professional master of engineering program. May be taken for repeated credit when identified by topic title.*

CP01	George Syrmos	Seats (Total: 10)
Contact instructor or department for details.		

**ENRE****Reliability Engineering****Winter 2016****ENRE489K****Special Topics in Reliability Engineering; Design for Reliability**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Selected topics of current importance in reliability engineering.*

Pre-requisite: Junior standing.

0101	Baldev Raheja	Seats (Total: 10)
	MTuWThF 9:00am - 12:00pm	JMP 2217
ER01	Baldev Raheja	Seats (Total: 10)
	MTuWThF 9:00am - 12:00pm	Location: TBA
RE01	Baldev Raheja	Seats (Total: 5)
	MTuWThF 9:00am - 12:00pm	Location: TBA

**ENRE799****Master's Thesis Research**

Credits: 1-6      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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**ENRE899      Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0102	Mohammad Modarres	Seats (Total: 10)
Contact instructor or department for details.		

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**ENSE      Systems Engineering      Winter 2016**

**ENSE799      Systems Engineering Thesis**

Credits: 1-6      Grading Method: Regular

*The application of systems engineering concepts, principles, and theories will be applied to the Master's Thesis project. Project/thesis work will be defined and selected early in student's program and supervised by a university faculty mentor.*

0102	John Baras	Seats (Total: 1)
Contact instructor or department for details.		
0125	Gang Qu	Seats (Total: 10)
Contact instructor or department for details.		

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**ENSP      Environmental Science and Policy      Winter 2016**

**ENSP386      Internship**

Credits: 3-6      Grading Method: Regular

*Restriction: Must have internship proposal approved by the concentration advisor, the director of ENSP and the student's internship sponsor.*

I101	Bruce James	Seats (Total: 5)
Contact instructor or department for details.		
I124	Andrew Baldwin	Seats (Total: 5)
Contact instructor or department for details.		

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**ENTM      Entomology      Winter 2016**

**ENTM730      Plant Diagnostics**

Credits: 3                      Grading Method: Regular

*Additional information: This will be an online graduate course for The Master of Professional Studies in Applied Entomology.*

*The first step to managing pest and disease problems in plants is an accurate diagnosis. In this course, students will learn about the various biotic (living) and abiotic (nonliving) factors that can contribute to plant problems, and how to evaluate evidence and distinguish between these factors to arrive at an accurate diagnosis.*

PLE1	Karen Rane	Seats (Total: 15)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the Professional Entomology Program.</i>	

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## **EPIB                      Epidemiology and Biostatistics                      Winter 2016**

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### **EPIB785                      Internship in Public Health**

Credits: 3                      Grading Method: Regular,  
Audit

*Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department.*

*Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.*

I109	Brit Saksvig	Seats (Total: 10)
	Contact instructor or department for details.	

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### **EPIB788                      Critical Readings in Epidemiology and Biostatistics**

Credits: 1-3                      Grading Method: Regular,  
Audit

*Open to master and doctoral students to discuss critical readings in Epidemiology and Biostatistics.*

0101	Robert Gold	Seats (Total: 5)
	Contact instructor or department for details.	
0102	Dushanka Kleinman	Seats (Total: 5)
	Contact instructor or department for details.	
0103	Sunmin Lee	Seats (Total: 5)
	Contact instructor or department for details.	

0105	Hongjie Liu	Seats (Total: 5)
	Contact instructor or department for details.	
0106	Shuo Chen	Seats (Total: 5)
	Contact instructor or department for details.	
0108	Mei-Ling Lee	Seats (Total: 5)
	Contact instructor or department for details.	
0109	Olivia Carter-Pokras	Seats (Total: 5)
	Contact instructor or department for details.	
0120	Cher Dallal	Seats (Total: 5)
	Contact instructor or department for details.	
0121	Xin He	Seats (Total: 5)
	Contact instructor or department for details.	
0122	David Chae	Seats (Total: 5)
	Contact instructor or department for details.	
0131	Paul Turner	Seats (Total: 5)
	Contact instructor or department for details.	
0132	Amir Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0133	Amy Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0134	Donald Milton	Seats (Total: 5)
	Contact instructor or department for details.	
0135	Robin Puett	Seats (Total: 5)
	Contact instructor or department for details.	
0136	Sacoby Wilson	Seats (Total: 5)
	Contact instructor or department for details.	



*Master or doctoral students who desire to pursue special research problems under the direction of a faculty member of the department may register for 1-6 hours of credit under this number.*

**Contact department for information to register for this course.**

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**EPIB799**

**Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

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**EPIB898**

**Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular

0101	Robert Gold	Seats (Total: 10)
Contact instructor or department for details.		
0102	Dushanka Kleinman	Seats (Total: 5)
Contact instructor or department for details.		
0103	Sunmin Lee	Seats (Total: 5)
Contact instructor or department for details.		
0105	Hongjie Liu	Seats (Total: 5)
Contact instructor or department for details.		
0106	Shuo Chen	Seats (Total: 5)
Contact instructor or department for details.		
0108	Mei-Ling Lee	Seats (Total: 5)
Contact instructor or department for details.		
0109	Olivia Carter-Pokras	Seats (Total: 5)
Contact instructor or department for details.		
0120	Cher Dallal	Seats (Total: 5)
Contact instructor or department for details.		
0121	Xin He	Seats (Total: 5)
Contact instructor or department for details.		
0122	David Chae	Seats (Total: 5)
Contact instructor or department for details.		

0131	Paul Turner	Seats (Total: 5)
	Contact instructor or department for details.	
0132	Amir Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0133	Amy Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0134	Donald Milton	Seats (Total: 5)
	Contact instructor or department for details.	
0135	Robin Puett	Seats (Total: 5)
	Contact instructor or department for details.	
0136	Sacoby Wilson	Seats (Total: 5)
	Contact instructor or department for details.	

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**EPIB899**
**Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0101	Robert Gold	Seats (Total: 5)
	Contact instructor or department for details.	
0102	Dushanka Kleinman	Seats (Total: 5)
	Contact instructor or department for details.	
0103	Sunmin Lee	Seats (Total: 5)
	Contact instructor or department for details.	
0105	Hongjie Liu	Seats (Total: 5)
	Contact instructor or department for details.	
0106	Shuo Chen	Seats (Total: 5)
	Contact instructor or department for details.	
0108	Mei-Ling Lee	Seats (Total: 5)
	Contact instructor or department for details.	
0109	Olivia Carter-Pokras	Seats (Total: 5)
	Contact instructor or department for details.	

0120	Cher Dallal	Seats (Total: 5)
	Contact instructor or department for details.	
0121	Xin He	Seats (Total: 5)
	Contact instructor or department for details.	
0122	David Chae	Seats (Total: 5)
	Contact instructor or department for details.	
0131	Paul Turner	Seats (Total: 5)
	Contact instructor or department for details.	
0132	Amir Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0133	Amy Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0134	Donald Milton	Seats (Total: 5)
	Contact instructor or department for details.	
0135	Robin Puett	Seats (Total: 5)
	Contact instructor or department for details.	
0136	Sacoby Wilson	Seats (Total: 5)
	Contact instructor or department for details.	

## FILM

## Film Studies

Winter 2016

### FILM245

### Film Form and Culture

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HA      General Education: DSHU

*Restriction: Must not have completed ENGL245. Also offered as: ENGL245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214.*

*Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.*

WB11	Paul Cote	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

**FILM319J****Special Topics in Documentary, Animation, Experimental Cinema, and Other Visual Media; Jim Henson: Art, Media, Muppets**

Credits: 3                      Grading Method: Regular,  
    Pass-Fail, Audit

*Examine the possibilities of non-narrative cinema, or cinema that is structured differently from the fiction feature film, as well as other media (television, digital imagery, and photography) that entertain a close relationship with cinema in terms of form, content, and audience. Content varies.*

This course follows the professional and artistic life of Jim Henson to analyze major changes that have occurred in international media from the 1950s through the 1990s.

WB11	Brian Real	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

**FILM329D****Special Topics in National/International Cinemas; Action, Adventure, and Spectacle Film in World Cinema**

Credits: 3                      Grading Method: Regular,  
    Pass-Fail, Audit

*Examine one or more national cinematic traditions (including Hollywood cinema), or may look across traditions comparatively, for example at international and/or transnational phenomena. Content varies.*

In this online course, we will screen and study critically some of the most important examples of action, adventure, and spectacle films from the international and transnational perspectives. Films to be screened may include Seven Samurai, The Wild Bunch, Ringo and His Golden Pistol, Once Upon a Time in China, Star Wars, Point Break, Saving Private Ryan, Deep Impact, Spy Kids, Jurassic Park, Breakdown, Enter the Dragon, Hard-Boiled, Run Lola Run, La Femme Nikita, Last Action Hero, Salt, Lara Croft: Tomb Raider, The Peacemaker, The Matrix, District 13, and Crouching Tiger, Hidden Dragon. The course will pay attention to female film makers as well as action films featuring female leads. Through these screenings in conjunction with critical writings by established and young scholars in film studies and cultural studies, we hope to explore the historical, esthetic, generic, institutional, and political significance of these films. We also hope to touch upon questions of national identity, gender, class, heroism, and ethnicity as well as ways of the spectators engagement with the action body and the action narrative.

WB11	Jason Kuo	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

**FILM341****Filming War Zones: Representations of Wars in Iraq & Chechnya**

Credits: 3                      Grading Method: Regular,  
    Pass-Fail, Audit

*Also offered as: ARAB341. Credit only granted for: ARAB341 or FILM341.*

*Investigation of how diverse political, cultural and religious agendas of the late 20th through early 21st centuries construct a wide variety of war fictions, or ideologically informed war narratives*

Also offered as: ARAB341. Credit only granted for: ARAB341 or FILM341. Comparative study of ideological and cultural discourses in war films covering military conflicts in Iraq and Chechnya in late 20th-early 21st centuries. Materials include American, Middle Eastern, and Russian feature films and documentaries; theories of propaganda, ideology and popular culture.

WB11	Valerie Anishchenkova	Seats (Total: 15)
	Class time/details on ELMs	ONLINE

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## FMSC      Family Science      Winter 2016

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### FMSC111      Credit Cards and College Students

Credits: 1      Grading Method: Regular,  
Pass-Fail, Audit

*Recommended: Moderate level of computer literacy, especially Internet and ELMS. Reliable computer and Internet access. Credit only granted for: FMSC111, FMSC341 or FMSC498D. Formerly: FMSC498D.*

*Provides college students with factual information about basic money management skills, emphasizing the responsible use of credit, specifically credit cards. Topics will include financial goals, spending plan, wise use of credit, debt management, consumer credit protection, and ID Theft. Online lessons will include video clips and interactive class activities. Students will learn the basics to build a strong financial future.*

WB11	Jinhee Kim	Seats (Total: 45)
	Class time/details on ELMs	ONLINE

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### FMSC260      Couple Relationships

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit      General Education: DSHS

*Credit only granted for: FMSC260 or FMST260. Formerly: FMST260.*

*Couple relationships and their alternatives in contemporary dating, courtship and marriage.*

*For more information about this online class and requirements, click on this link and scroll down to the course.*

WB11	Elise Resnick	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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**FMSC332****Children in Families**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

General Education: DSHS

*Prerequisite: PSYC100 or FMSC105. Credit only granted for: FMSC332 or FMST332. Formerly: FMST332.*

*A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.*

WB11	Lauren Messina	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

**FMSC341****Personal and Family Finance**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

General Education: DSSP

*Credit only granted for: FMSC341 or FMST341. Formerly: FMST341.*

*Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security.*

*For more information about this online class and requirements, click on this link and scroll down to the course.*

WB11	William Knight	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
WB12	Katherine Speirs	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

**FMSC383****Delivery of Human Services to Families**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: FMSC330. Restriction: Must be in a major within SPHL-Family Science department. Credit only granted for: FMSC383 or FMST383. Formerly: FMST383.*

*Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families.*

<http://oes.umd.edu/winter-term/courses-workshops/course-highlights/fmsc>

For more information about this online class and requirements, [click on this link](#) and scroll down to the course.

WB11	Amanda Berger	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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## **FMSC420 African American Families**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Recommended: FMSC330. Credit only granted for: FMSC420 or FMSC498F. Formerly: FMSC498F.*

*Examination of the history, structure, cultural foundation, and diversity of African American family life is the focus of this class. Presentations and discussions enable students to identify, analyze, and assess: (1) the major theoretical perspectives used in the study of African American families; (2) the impact of social policy on African American families; and (3) specific areas of family life (e.g., marriage and divorce, parenting, child development, health disparities).*

WB11	Mia Smith-Bynum	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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## **FMSC425 Military and Veteran Family Services**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Recommended: Moderate level of computer literacy, especially Internet and ELMS. Reliable computer and Internet access. Credit only granted for: FMSC425 or FMSC498W. Formerly: FMSC498W.*

*Overview of issues impacting contemporary military families including during times of war. Identification of challenges faced by military families related to deployment/reunion and mental and physical health, as well as support systems available. Examination of skills and strategies for working with service members, veterans, and military families.*

WB11	Patricia Fanflik	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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## **FMSC460 Violence in Families**

Credits: 3                      Grading Method: Regular,                      General Education: DSHS,  
Pass-Fail, Audit                      DVUP

*Prerequisite: SOCY100, SOCY105, or PSYC100. Credit only granted for: FMSC460 or FMST460. Formerly: FMST460.*

*Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation.*

*For more information about this online class and requirements, click on this link and scroll down to the course.*

WB11	Christine Schull	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**FMSC487      Legal Aspects of Family Problems**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Credit only granted for: FMSC487 or FMST487. Formerly: FMST487.*

*Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.*

*For more information about this online class and requirements, click on this link and scroll down to the course.*

WB11	Kerry Tripp	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**FMSC689      Research Internship**

Credits: 1-3                      Grading Method: Regular

*Research experience resulting in a scholarly article suitable for publication in a peer-reviewed journal.*

**Contact department for information to register for this course.**

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**FMSC698      Advanced Topics in Family Science**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Audit

*Arranged group study on specific topic which may vary from term to term.*

**Contact department for information to register for this course.**

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**FMSC698A      Advanced Topics in Family Science; Trauma and Addictions in the Context of Family Life**

Credits: 3                      Grading Method: Regular,  
Audit

*Arranged group study on specific topic which may vary from term to term.*



0101	Wendy Wilcox	Seats (Total: 20)
Contact instructor or department for details.		

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**FMSC698P      Advanced Topics in Family Science; Play Therapy**

(Perm req)

Credits: 3                      Grading Method: Regular,  
   Audit

*Arranged group study on specific topic which may vary from term to term.*

**Contact department for information to register for this course.**

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**FMSC698V      Advanced Topics in Family Science; Violence in Families**

Credits: 3                      Grading Method: Regular,  
   Audit

*Arranged group study on specific topic which may vary from term to term.*

WB11	Christine Schull	Seats (Total: 10)
Class time/details on ELMs		ONLINE

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**FMSC699      Independent Study**

Credits: 1-6                      Grading Method: Regular,  
   Audit

**Contact department for information to register for this course.**

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**FMSC789      Non-Thesis Research**

Credits: 1-3                      Grading Method: Regular,  
   Audit

*Non-thesis option research papers.*

0124	Mia Smith-Bynum	Seats (Total: 5)
Contact instructor or department for details.		

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**FMSC790      Marriage and Family Therapy Supervision**

Credits: 3                      Grading Method: Regular,  
   Audit

*Prerequisite: Permission of SPHL-Family Science department. Credit only granted for: FMSC790, FMST690, or FMST790. Formerly: FMST790.*

*Theory and research in supervision of marriage and family therapy. Emphasis on major models, articulation of personal model, and demonstration of perceptual, conceptual, and executive skills in marriage and family therapy supervision. Designed to meet the didactic course component of the designation of Approved Supervisor of the American Association for Marriage and Family Therapy.*

**Contact department for information to register for this course.**

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**FMSC799      Master's Thesis Research; Master Thesis Research**

Credits: 1-6      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

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**GEOG      Geographical Sciences      Winter 2016**

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**GEOG110      The World Today: Global Perspectives**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: DSHS, DVUP

*The most critical issue facing the world today is the sustainability of both human and physical systems in the 21st century. This class uses the context of regions of the world to explore the 21st century issues of climate change, development, politics, economy, and demography. Each region will be used to highlight aspects of sustainability.*

WB11	Vanessa Kirn	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**GEOG130      Developing Countries**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB, D      General Education: DSHS, DSSP

*An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.*

0101	Ronald Luna	Seats (Total: 20)
	MTuWTh 10:00am - 1:30pm	LEF 1220

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**GEOG140      Natural Disasters: Earthquakes, Floods, and Fires**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: PS      General Education: DSNS, SCIS

*Catastrophic Environmental Events (CCE) that are becoming more common i this time of global environmental change and it is essential that today's students be equipped with the knowledge and skills to be leaders as we, as a society, understand the upheaval that these CCEs are causing. Students will examine how CEEs shape human society and ecosystem from the interdisciplinary perspective afforded by the field of Geography. Students will use the latest geographic science concepts and techniques in exploring these events. Using satellite imagery they will gain a multi-scale perspective of the ecological and societal aspects of the events.*

0101	Quentin Stubbs	Seats (Total: 25)
	MTuWTh 1:30pm - 5:00pm	LEF 1201

## **GEOG202**

### **Introduction to Human Geography**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB      General Education: DSHS, DVCC

*Introduction to what geographers do and how they do it. Systematic stud of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"?*

This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

WB11	Jennifer Hinojosa	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

## **GEOG306**

### **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: FSAR

*Credit only granted for: BIOM301, BMGT230, CCJS200, ECON230, ECON321, EDMS451, GEOG306, GEOL351, GVPT422, PSYC200 or SOCY201.*

*Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software.*

There is a \$40.00 lab fee with this course. This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

WB11	Ahmad Khan	Seats (Total: 30)
	MTuWTh 6:00pm - 9:30pm	ONLINE

**GEOG328B Topics in Regional Geography; Geography of the Southern Caribbean**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Selected topics in regional geography.*

**Contact department for information to register for this course.**

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**GEOG330 As the World Turns: Society and Sustainability in a Time of Great Change**

Credits: 3                      Grading Method: Regular,                      General Education: DSHS,  
Pass-Fail, Audit                      DVUP, SCIS

*Credit only granted for: GEOG330, GEOG360, or GEOG362. Formerly: GEOG362.*

*Cultural geography course on society and sustainability. Culture is the basic building block that is key to sustainability of societies. Course will cover sustainability of societies on different scales, examining local, regional, and worldwide issues. Sustainability will be examined as a key element of environmental sustainability. How societies adjust to rapid world change will be examined as a positive and/or negative factor in sustainability.*

WB11	Rachel Berndtson	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

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**GEOG340 Geomorphology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Survey of landform types and role of processes in their generation. Frequency of occurrence and implications for land utilization. Emphasis on coastal, fluvial, and glacial landforms in different environmental settings. Landform regions of Maryland.*

0101	Keith Yearwood	Seats (Total: 20)
	MTuWTh 1:00pm - 4:30pm	LEF 1171

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**GEOG372 Remote Sensing**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships.*

There is a \$40.00 lab fee with this course.

0101	Michael Humber	Seats (Total: 25)	
	MTuWTh 9:00am - 11:00am	LEF 1171	
	MTuWTh 11:00am - 1:00pm	LEF 1138	Lab

### **GEOG373 Geographic Information Systems**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases.*

There is a \$40.00 lab fee with this course. This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

0101	Naijun Zhou	Seats (Total: 45)	
	MTuWTh 10:00am - 12:00pm	LEF 1124	
	MTuWTh 12:00pm - 2:00pm	LEF 1136	Lab
WB11	Zan Dodson	Seats (Total: 45)	
	MTuWTh 6:00pm - 9:30pm	ONLINE	

### **GEOG376 Introduction to Computer Programming for GIS**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Must have completed or be concurrently enrolled in MATH220, MATH130, or MATH140. And GEOG373; or permission of BSOS-Geography department.*

*Introduces conceptual and practical aspects of programming for geographic applications. The main focus is on developing a solid understanding of basic programming techniques irrespective of the specific programming language including variables, looping, conditional statements, nesting, math, strings, and other concepts. In addition, students will develop a proficiency in applying these basic programming principles to manipulating spatial data sources within the Geographic Information Systems (GIS).*

Students must pay a \$40.00 laboratory materials fee.

WB11	Ruibo Han	Seats (Total: 35)	
	MTuWTh 6:00pm - 9:30pm	ONLINE	

### **GEOG384 Internship in Geography I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail

*Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and (ENGL393 or ENGL390).*

*Restriction: Must be in Geography program.*

*Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.*

I101	Ronald Luna	Seats (Total: 10)
Contact instructor or department for details.		

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### **GEOG473                      Geographic Information Systems and Spatial Analysis**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: GEOG306 and GEOG373; or students who have taken courses with comparable content may contact the department. Credit only granted for: GEOG473 or GEOG482. Formerly: GEOG482.*

*Analytical uses of geographic information systems; data models for building geographic data bases; types of geographic data and spatial problems; practical experience using advanced software for thematic domains such as terrain analysis, land suitability modeling, demographic analysis, and transportation studies.*

There is a \$40.00 lab fee with this course. This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

WB11	Naijun Zhou	Seats (Total: 30)
	MTuWTh 5:00pm - 8:30pm	ONLINE

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### **GEOG498                      Topical Investigations**

(Perm req)

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

*Independent study under individual guidance.*

**Contact department for information to register for this course.**

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### **GEOG652                      Digital Image Processing and Analysis**

Credits: 3                      Grading Method: Regular

*Prerequisite: GEOG579 or GEOG506; or students who have taken courses with comparable content may contact the department. Restriction: Must be in M.Prof.Studies: Geospatial Information Sciences (Master's) program; or must be in the Geospatial Information Sciences (Graduate Certificate) program.*

*Digital image processing and analysis applied to satellite and aircraft land remote sensing data. Consideration is given to preprocessing steps including calibration and geo registration. Analysis methods include digital image exploration, feature extraction thematic classification, change detection, and biophysical characterization. One or more application examples may be reviewed.*

**Contact department for information to register for this course.**

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**GEOG656      Programming and Scripting for GIS**

Credits: 3                      Grading Method: Regular

*Prerequisite: GEOG653. Restriction: Must be in M.Prof.Studies: Geospatial Information Sciences (Master's) program; or must be in Graduate Certificate: Professional Studies-Geospatial Information Sciences.*

*An introduction to programming and scripting for intermediate GIS users. The fundamental concepts of computer programming will be introduced within the Geoprocessing framework in ArcGIS primarily using Python. Basic concepts of object-oriented programming and scripting will be presented. Students will develop skills in programming techniques to explore, manipulate and model spatial data using the Geoprocessor methods.*

**Contact department for information to register for this course.**

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**GEOG660      Advanced Remote Sensing Using Lidar**

Credits: 3                      Grading Method: Regular

*Prerequisite: GEOG652. Recommended: GEOG656 and GEOG654. Credit only granted for: GEOG660 or GEOG788G. Formerly: GEOG788G.*

*Lidar, also known as laser scanning, is an active remote sensing tool that can produce high-resolution point clouds. Lidar is being applied to problems such as terrain modeling, biomass estimation, change detection, feature extraction, and measuring tree canopy. Topics covered are fundamentals of lidar, current developments in lidar technology, and different applications where lidar is being used. Students will get hands-on learning about lidar data management, processing, and analysis.*

**Contact department for information to register for this course.**

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**GEOG677      Internet GIS**

Credits: 3                      Grading Method: Regular,  
Audit

*Recommended: GEOG676. Restriction: Permission of BSOS-Geography department.*

*Online course delivers information on the use of GIS applications on the Internet. Covers hardware/software structure of the Internet, the means for communication between Internet-connected devices, applications that provide GIS program and data, and performance and security concerns.*

**Contact department for information to register for this course.**

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**GEOG788C**

Credits: 1

*Readings and discussion on selected topics in the field of geography.*

0101	Ruibo Han, Hai Lan	Seats (Total: 25)
<b>Meets January 4, 2016 - January 8, 2016</b>		
	MTuWThF 9:00am - 12:00pm	KEY 0119

**GEOG788F**

Credits: 1

*Readings and discussion on selected topics in the field of geography.*

0101	Ruibo Han, Cheng Fu	Seats (Total: 25)
<b>Meets January 4, 2016 - January 8, 2016</b>		
	MTuWThF 1:00pm - 4:00pm	LEF 2166

**GEOG789**

Credits: 1-3

*Independent reading as arranged between a graduate faculty member and graduate student.*

**Contact department for information to register for this course.**

# GVPT

## Government and Politics

## Winter 2016

# GVPT100

Credits: 3

*An introduction to empirical research in political science.*

WB11	Michael Parrott	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

# GVPT170

Credits: 3

CORE: SB

General Education: DSHS



*A comprehensive study of national government in the United States.*

WB11	Kelsey Hinchliffe	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT200 International Political Relations**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB      General Education: DSHS, DVUP

*Prerequisite: GVPT100.*

*A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the environment.*

WB11	David Prina	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT241 The Study of Political Philosophy: Ancient and Modern**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: DSSP

*Restriction: Must be in Government & Politics program.*

*Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.*

WB11	James Glass	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

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**GVPT273 Introduction to Environmental Politics**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: DSSP

*An overview of modern environmental philosophy, politics, and policy, exploring environmental politics in the US by way of comparison with other developed and developing countries.*

WB11	Stephen Arves	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT309F Topics in International Relations; Chile: Chilean Culture, Democracy and Social Change**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*The study of topics in international relations.*

**Contact department for information to register for this course.**

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**GVPT309P                      Topics in International Relations; Globalization in Economic, Political & Cultural Perspective**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*The study of topics in international relations.*

We live in an era of globalization, but what does this really mean? This This course introduces students to the economic, political, and cultural aspects of globalization. Beginning with a discussion of Hayek vs. Keynes, the course will cover topics such as currency regimes, global trade, and international organizations such as the International Monetary Fund (IMF), World Bank (IBRD), and World Trade Organization (WTO). The course will then consider the political implications of economic interdependence, including its impact on democratization and human rights. Finally, the course will address cultural aspects of global citizenship. Film selections will be used to augment case studies.

WB11	Mary Schneider	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT309R                      Topics in International Relations; Human Rights and World Politics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*The study of topics in international relations.*

Human rights have become an increasingly central issue in world politics This course introduces students to politics of international human rights. It examines theories and development of global human rights regime and a variety of human rights issues in world politics including humanitarian interventions, refugee crisis, modern slavery, and North Korean human rights.

WB11	Hyo Joon Chang	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT331                      Law and Society**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: GVPT170.*

*An introductory course to the study of law with emphasis on how lawyers and judges think and argue. Topics include, contract law, property, family law, torts, and criminal procedure.*

WB11	Felipe Westhelle	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT351      Model United Nations**

Credits: 3      Grading Method: Regular,      General Education: DVCC  
Pass-Fail, Audit

*Restriction: Must be in College Park Scholars program; and must be in GVPT International Studies program. Formerly: GVPT388S.*

*Students are prepared for the model United Nations Conference held at Harvard University every February.*

WB11	Felipe Westhelle, Joseph Braun	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**GVPT358K      Study Abroad Seminar in Political Science; From the Pampas to the Andes: Political Culture and Local Politics in Argentina**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*The study of topics in political science.*

**Contact department for information to register for this course.**

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**GVPT359C      Topics in Comparative Politics; Gender and Politics**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*The study of topics in comparative politics.*

Also offered as WMST498Q. Credit granted for GVPT359C or WMST498Q. The course will introduce students to the main topics in Gender and Politics scholarship. Using feminist scholarship to create the lens within which to analyze political science texts. Race, sexual orientation, class, and gender identity are all fundamental to the critical analysis of the who, where, what and when of gender politics. This class covers diverse issues such as; women's participation in political parties, women as voters and candidates in political elections , feminism and the state, and gender and international politics.

WB11	Noa Balf	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**GVPT388T      Topical Investigations; Germany in the New Europe: Politics, Business, and Culture**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Independent research and writing on selected topics in government and politics.*

**Contact department for information to register for this course.**

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**GVPT409J      Seminar in International Relations and World Politics; Multi-Track Diplomacy and Conflict Transformation**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Reading, writing, and research on topics in international relations and world politics. Both substantive issues and methodological approaches will be considered.*

Course uses techniques of multi-track diplomacy to develop the knowledge and skills needed to facilitate transformation of interpersonal, organizational, community or complex societal conflicts, including ethnic, religious or cultural tensions. Also, meets Friday, 1-22-2016.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

*Also meets Friday, 1-22-2016 from 6-9:15 p.m. Snow Day make-up: Jan. 23-24 if needed. GVPT409K is strongly recommended as a concurrent course.*

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**GVPT409K      Seminar in International Relations and World Politics; Workshop in Multi-Track Diplomacy**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Reading, writing, and research on topics in international relations and world politics. Both substantive issues and methodological approaches will be considered.*

This workshop will use multi-track diplomacy to search for common ground in the current conflict in Israel-Palestine. A simulation engaging influential civil society representatives will be co-facilitated by workshop instructors. Also, meets Friday, 1-22-2016.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

*Two consecutive weekend workshop sessions: January 8-10 and 15-17. Snow day makeup: January 23-24 if needed. GVPT409J is strongly recommend as a concurrent course.*

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**GVPT808J      Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy and Conflict Transformation**

Credits: 3      Grading Method: Regular, Audit

*An examination of the major substantive issues in contemporary international relations.*

Course uses techniques of multi-track diplomacy to develop the knowledge and skills needed to facilitate transformation of interpersonal, organizational, community or complex societal conflicts, including ethnic, religious or cultural tensions. Also, meets Friday, 1-22-2016.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102
<p><i>Also meets Friday, 1-22-2016 from 6-9:15 p.m. Snow Day make-up: Jan. 23-24 if needed. GVPT808K is strongly recommended as a concurrent course.</i></p>		

<b>GVPT808K</b>	<b>Selected Topics in Functional Problems in International Relations; Workshop in Multi-Track Diplomacy</b>
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Credits: 3      Grading Method: Regular,  
Audit

*An examination of the major substantive issues in contemporary international relations.*

This workshop will use multi-track diplomacy to search for common ground in the current conflict in Israel-Palestine. A simulation engaging influential civil society representatives will be co-facilitated by workshop instructors. Also, meets Friday, 1-22-2016.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101
<p><i>Two consecutive weekend workshop sessions: January 8-10 and 15-17. Snow Day make-up: Jan. 23-24 if needed. GVPT808J is strongly recommended as a concurrent course.</i></p>		

## GVPT898 Pre-Candidacy Research

Credits: 1-8      Grading Method: Regular, Satisfactory, Fail

*Guided readings and discussions on selected topics in political science.*

**Contact department for information to register for this course.**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Course will utilize experiential learning opportunities to develop and apply the knowledge and skills of leadership into specific contexts of leadership practice.*

WB11	Kristen Rupert	Seats (Total: 15)
	Class time/details on ELMs	ONLINE

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## **HESI318F      Applied Contextual Leadership; Adventure in Leadership in Patagonia**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Course will utilize experiential learning opportunities to develop and apply the knowledge and skills of leadership into specific contexts of leadership practice.*

This expedition-style course is designed to introduce students to adventure recreation opportunities in Patagonia Chile while promoting leadership development. Through a nine day backpacking and camping trip in Torres del Paine National Park and a day kayaking trip along the ice fjords, students will be challenged to use their experiences as opportunities for inter- and intra-personal growth. The course will consist of pre-trip classroom sessions, international travel and a post-trip debrief session and assignment. Restrictions/Permissions/Pre-requisites: 2.5 minimum GPA, undergraduate students only; application through Education Abroad and interview with course instructor (ameven@umd.edu) required

**Contact department for information to register for this course.**

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## **HESI418E      Special Topics in Leadership; Strengths-Based Leadership**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*The special topics and leadership course will address a single topic related to leadership through the semester. In-depth study and analysis on the topic will be the basis for the course. Topics include gender and leadership, ethics and leadership, and culture and leadership. Leadership will serve as the foundation in the course.*

WB11	Melissa Rocco	Seats (Total: 15)
	Class time/details on ELMs	ONLINE

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# **HESP      Hearing and Speech Sciences      Winter 2016**

## **HESP202      Introduction to Hearing and Speech Sciences**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*An introduction to communication sciences and disorders; a survey of the bases of normal speech, language and hearing ability, major forms of communicative disorders and their treatment.*

WB11	Kathleen Skinker	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**HESP386      Experiential Learning**

(Perm req)

Credits: 3-6      Grading Method: Regular,  
Pass-Fail

*Restriction: Junior standing or higher; and permission of BSOS-Hearing & Speech Sciences department.*

0116	Nan Ratner	Seats (Total: 10)
	Contact instructor or department for details.	

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**HESP498B      Seminar; Traumatic Brain Injury**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Selected topics in human communication and its disorders.*

0101	Kristin Slawson	Seats (Total: 5)
	TuWThF 1:00pm - 4:30pm	LEF 0135

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**HESP499      Independent Study**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*A directed study of selected topics pertaining to human communication and its disorders.*

**Contact department for information to register for this course.**

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**HESP615      Counseling in Communicative Disorders**

Credits: 3      Grading Method: Regular,  
Audit

*Recommended: HESP400 and HESP411.*

*Introduction to the application of counseling principles and methodologies for working with individuals with communication disorders and their families. The role of the audiologist and speech language pathologist as counselors will be explored. Class content will focus on theoretical approaches and techniques to counseling from the fields of psychology, social work, and family the family therapy. The application of counseling in the diagnostic process as well as treatment of a wide variety of communication disorders will be highlighted throughout the course.*

0101	Sharon Palmer, Paula Schauer, Lisa Rickard	Seats (Total: 25)
	Contact instructor or department for details.	

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## **HESP638 Research Practicum**

Credits: 1-3      Grading Method: Regular,  
Audit

*Analysis, synthesis and integration of knowledge related to current research or clinical issues in human communication and its related disorders.*

**Contact department for information to register for this course.**

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## **HESP639 Special Topics in Hearing and Speech Sciences; Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer**

Credits: 3      Grading Method: Regular,  
Audit

*Intensive coverage of selected topics of current interest.*

This course will be held at Johns Hopkins Department of Otolaryngology - Head and Neck Surgery: Johns Hopkins Outpatient Center James and Cathy Justice Conference Center Room 6150, 6th floor 601 N. Caroline Street Baltimore, MD 21287

0101	Donna Tippet, Kimberly Webster	Seats (Total: 20)
	<b>Meets January 4, 2016 - January 16, 2016</b>	
	MTuWThF 4:00pm - 8:30pm	Location: TBA
	<i>This section is co-taught by Donna Tippet and Kimberly Webster.</i>	

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## **HESP639B Special Topics in Hearing and Speech Sciences; Traumatic Brain Injury**

Credits: 1-3      Grading Method: Regular,  
Audit

*Intensive coverage of selected topics of current interest.*



0101	Kristin Slawson	Seats (Total: 15)
	TuWThF 1:00pm - 4:30pm	LEF 0135

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**HESP649A      Clinical Practice in Audiology; Diagnostic Audiology**

Credits: 1-2      Grading Method: Regular,  
Audit

*Supervised training in the application of clinical methods in the diagnosis and treatment of hearing disorders.*

**Contact department for information to register for this course.**

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**HESP708      Independent Study**

Credits: 1-6      Grading Method: Regular,  
Audit

*Individual research projects under guidance of a faculty member.*

**Contact department for information to register for this course.**

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**HESP799      Master's Thesis Research**

Credits: 1-6      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**HESP849      Capstone Research Project I**

Credits: 2      Grading Method: Regular

*First of two-course sequence leading to the final research requirement for the Doctor of Audiology (Au.D.) degree; involves individual study and/or supervised lab work with mentor, preparation of research proposal (including IRB protocol if required), and attendance at Capstone Research Project Workshop.*

**Contact department for information to register for this course.**

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**HESP859      Capstone Research Project II**

Credits: 1-2      Grading Method: Regular

*Second of two-course sequence leading to the final research requirement for the Doctor of Audiology (Au.D.) degree; involves final data collection, analysis and presentation of results or completion of scholarly paper under the direction of the faculty mentor.*

**Contact department for information to register for this course.**

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**HESP889      Doctoral Candidacy Research**

Credits: 1-3      Grading Method: Regular

*Doctoral candidacy paper research*

**Contact department for information to register for this course.**

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**HESP898      Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

**Contact department for information to register for this course.**

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**HISP      Historic Preservation      Winter 2016**

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**HISP660      Internship in Historic Preservation**

Credits: 3      Grading Method: Regular, Audit

*Prerequisite: Permission of ARCH-Historic Preservation Program. Formerly: HISP619.*

*Students will secure a summer internship with an organization engaged in historic preservation work (this can be a public agency, nonprofit, or private firm). The students will formulate a plan of work and a series of pedagogical goals to satisfy both the practical needs of the project and the academic requirements for the course.*

0101	Donald Linebaugh	Seats (Total: 5)
Contact instructor or department for details.		

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**HISP710      Final Project in Historic Preservation I**

Credits: 1      Grading Method: Regular, Audit

*Credit only granted for: HISP700 or HISP710. Formerly: HISP700.*

*An independent, applied research project investigating the preservation of a particular site or a specialized issue in historic preservation. This is part one of a two-semester sequence and involves developing the project proposal and bibliography.*

0101	Dennis Pogue	Seats (Total: 5)
Contact instructor or department for details.		

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**HIST      History      Winter 2016**

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**HIST113      The Making of Modern Europe**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SH      General Education: DSHS

*Evolution of modern nation states since late medieval times. Industrial-economic structure and demography. Emergence of modern secular society.*

WB11	Scott Moore	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**HIST142      Looking at America through a Global Lens**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SH      General Education: DSHS, SCIS

*Credit only granted for: HIST289I or HIST142. Formerly: HIST289I.*

*Looking at America will focus on a thematic approach to the study of foreign -- negative and positive -- perceptions of America in the 20th century.*

WB11	Saverio Giovacchini	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**HIST201      Interpreting American History: From 1865 to the Present**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SH      General Education: DSHS, DSHU, DVUP

*Credit only granted for: HIST157 or HIST201. Formerly: HIST157.*

*The United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.*

WB11	Robert Chiles	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**HIST219K      Special Topics in History; London and the British Empire, 1500-1850**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

**Contact department for information to register for this course.**

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**HIST306      History of Religion in America**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Prerequisite: HIST200, HIST201, HIST210, HIST211, HIST213, HIST254, or HIST255; or must have completed HIST156 or HIST157; or permission of instructor. Also offered as: RELS346. Credit only granted for: HIST306 or RELS346.*

*A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.*

WB11	Miles Bradbury	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**HIST319M Special Topics in History; Cultural History of Latin America: Movies, Music, and Revolution**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

This online winter course will explore the intertwined histories of movies, music, and revolution in modern Latin American history. By engaging with historical scholarship and dramatic films about the Mexican Revolution, the Cuban Revolution, and Chile during the Allende government and after the Pinochet coup, we will study how films have both represented and shaped popular understandings of important and tumultuous moments in twentieth-century Latin America. After concentrating on the relationship between Latin American history and films, we will also examine the connections between Latin American popular music and revolution.

WB11	Daniel Richter	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**HIST328Q Selected Topics in History; Minorities in the Modern Middle East**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

0101	Alda Benjamen	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	KEY 0126

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**HIST329K History of Rock and Roll, 1950 - 2000**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit      CORE: SH

WB11	Andrew Kellett	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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**HIST329N Special Topics in History; Chile: Chilean Culture, Democracy and Social Change**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

Also offered as ARHU319C, CMLT498C, and LASC448N. Study of the relationship between Chilean literary arts and politics during the time of the 1973 coup d'etat and following. Writings by authors Pablo Neruda, Isabel Allende, Pia Barros, Pedro Lemebel, and others. Visits to historic sites such as the homes of Pablo Nerudo and Villa Grimaldi included.

**Contact department for information to register for this course.**

## HIST357

### Recent America: 1945-Present

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: HIST201, HIST211, HIST213, HIST222, HIST255, or HIST275; or must have completed HIST157; or permission of instructor.*

*American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.*

WB11	Edwin Smead	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

## HLSA

## Health Services Administration

**Winter 2016**

## HLSA688

### Independent Study

Credits: 1-6                      Grading Method: Regular,  
Audit

*Master or doctoral students who desire to pursue special research problems under the direction of a faculty member of the department may register for 1-6 hours of credit under this number.*

0102	Lori Simon-Rusinowitz	Seats (Total: 10)
	Contact instructor or department for details.	
0104	Rada Dagher	Seats (Total: 10)
	Contact instructor or department for details.	
0105	Michel Boudreaux	Seats (Total: 10)
	Contact instructor or department for details.	
0106	Dylan Roby	Seats (Total: 10)
	Contact instructor or department for details.	
0107	Luisa Franzini	Seats (Total: 10)
	Contact instructor or department for details.	

0108	Stephen Thomas	Seats (Total: 10)
	Contact instructor or department for details.	
0109	Jie Chen	Seats (Total: 10)
	Contact instructor or department for details.	

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**HLSA785**
**Internship in Public Health**

Credits: 3                      Grading Method: Regular,  
Audit

*Prerequisite: Permission of SPHL-Health Services Administration department.*

*Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.*

0102	Lori Simon-Rusinowitz	Seats (Total: 10)
	Contact instructor or department for details.	
0104	Rada Dagher	Seats (Total: 10)
	Contact instructor or department for details.	
0105	Michel Boudreaux	Seats (Total: 10)
	Contact instructor or department for details.	
0106	Dylan Roby	Seats (Total: 10)
	Contact instructor or department for details.	
0107	Luisa Franzini	Seats (Total: 10)
	Contact instructor or department for details.	
0108	Stephen Thomas	Seats (Total: 10)
	Contact instructor or department for details.	
0109	Jie Chen	Seats (Total: 10)
	Contact instructor or department for details.	

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**HLSA786**
**Capstone Project in Public Health**

Credits: 3                      Grading Method: Regular,  
Audit

*Prerequisite: Permission of SPHL-Health Services Administration department.*

*Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.*

0102	Lori Simon-Rusinowitz	Seats (Total: 10)
	Contact instructor or department for details.	
0104	Rada Dagher	Seats (Total: 10)
	Contact instructor or department for details.	
0105	Michel Boudreaux	Seats (Total: 10)
	Contact instructor or department for details.	
0106	Dylan Roby	Seats (Total: 10)
	Contact instructor or department for details.	
0107	Luisa Franzini	Seats (Total: 10)
	Contact instructor or department for details.	
0108	Stephen Thomas	Seats (Total: 10)
	Contact instructor or department for details.	
0109	Jie Chen	Seats (Total: 10)
	Contact instructor or department for details.	

## HLSA898

### Pre-Candidacy Research

Credits: 1-8      Grading Method: Regular, Sat-Fail

0102	Lori Simon-Rusinowitz	Seats (Total: 10)
	Contact instructor or department for details.	
0104	Rada Dagher	Seats (Total: 10)
	Contact instructor or department for details.	
0105	Michel Boudreaux	Seats (Total: 10)
	Contact instructor or department for details.	
0106	Dylan Roby	Seats (Total: 10)
	Contact instructor or department for details.	
0107	Luisa Franzini	Seats (Total: 10)
	Contact instructor or department for details.	

0108	Stephen Thomas	Seats (Total: 10)
	Contact instructor or department for details.	
0109	Jie Chen	Seats (Total: 10)
	Contact instructor or department for details.	

## HLSA899

### Doctoral Dissertation Research

Credits: 1-8      Grading Method: Regular, Sat-Fail

0102	Lori Simon-Rusinowitz	Seats (Total: 10)
	Contact instructor or department for details.	
0104	Rada Dagher	Seats (Total: 10)
	Contact instructor or department for details.	
0105	Michel Boudreaux	Seats (Total: 10)
	Contact instructor or department for details.	
0106	Dylan Roby	Seats (Total: 10)
	Contact instructor or department for details.	
0107	Luisa Franzini	Seats (Total: 10)
	Contact instructor or department for details.	
0108	Stephen Thomas	Seats (Total: 10)
	Contact instructor or department for details.	
0109	Jie Chen	Seats (Total: 10)
	Contact instructor or department for details.	

## HLTH

## Health

**Winter 2016**

### HLTH106

### Drug Use and Abuse

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.*



WB11	Tracy Zeeger	Seats (Total: 60)
	Class time/details on ELMs	ONLINE

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## HLTH140      **Personal and Community Health**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.*

WB11	Sylvette La Touche-Howard	Seats (Total: 60)
	Class time/details on ELMs	ONLINE

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## HLTH377      **Human Sexuality**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.*

WB11	Robin Sawyer	Seats (Total: 200)
	Class time/details on ELMs	ONLINE

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## HLTH476      **Death Education**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Examination of the genesis and development of present day death attitudes and behavior by use of a multidisciplinary life cycle approach.*

WB11	Jennifer Hodgson	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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## HLTH489I      **Field Laboratory Projects and Workshop; East Meets West: Contrasting Public Health Priorities, Pragmatics and Polemics in the U.S. and India**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*A course designed to meet the needs of persons in the field with respect to workshop and research projects in special areas of knowledge not covered by regularly structured courses.*

**Contact department for information to register for this course.**

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**HLTH498T      Special Topics in Health; Medical Terminology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Topics of special interest in areas not covered by regularly scheduled courses.*

This on-line course is designated to improve medical terminology vocabulary skills. Prepares students for advanced professional preparation courses by incorporating content taught in advanced medical and scientific courses. The syllabus and directions for starting the course will be emailed on January 5th at the latest.

WB11	Katherine Sharp	Seats (Total: 125)
	Class time/details on ELMs	ONLINE

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**HLTH688      Special Problems in Health Education**

Credits: 1-6                      Grading Method: Regular,  
Audit

I128	Barbara Curbow	Seats (Total: 10)
	Contact instructor or department for details.	
I129	Donna Howard	Seats (Total: 5)
	Contact instructor or department for details.	
I130	Craig Fryer	Seats (Total: 5)
	Contact instructor or department for details.	
I131	James Butler	Seats (Total: 5)
	Contact instructor or department for details.	

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**HLTH898      Pre-Candidacy Research**

Credits: 1-8                      Grading Method: Regular, Sat-  
Fail

I121	Pamela Clark	Seats (Total: 5)
	Contact instructor or department for details.	
I123	James Butler	Seats (Total: 5)
	Contact instructor or department for details.	

I126	Dina Borzekowski	Seats (Total: 5)
	Contact instructor or department for details.	
I127	Faika Zanjani	Seats (Total: 5)
	Contact instructor or department for details.	
I129	Donna Howard	Seats (Total: 5)
	Contact instructor or department for details.	
I132	Craig Fryer	Seats (Total: 5)
	Contact instructor or department for details.	
I139	Juliette Christie	Seats (Total: 5)
	Contact instructor or department for details.	

## HLTH899

### Doctoral Dissertation Research

Credits: 1-8      Grading Method: Regular, Sat-Fail

I128	Kerry Green	Seats (Total: 5)
	Contact instructor or department for details.	

## INAG

## Institute of Applied Agriculture

Winter 2016

### INAG110

#### Oral Communication

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      General Education: FSOC

*Credit only granted for: COMM107, COMM200, INAG110, JOUR130, THET285.*

*A study of how perception, self-concept, verbal and nonverbal communications affect the communication process as it emerges in the work place. The course provides skill training in speech writing, public speaking, group communication, interpersonal communication, listening, and responding.*

0102	Amy Fisher	Seats (Total: 12)
	MTuWThF 9:00am - 12:30pm	PLS 1146
0103	Edward Priola	Seats (Total: 12)
	MTuWThF 1:00pm - 4:30pm	PLS 1158

## INFM

## Information Management

Winter 2016

### INFM719

#### Independent Study

Credits: 1-3      Grading Method: Regular

*Intensive individual study under faculty supervision.*

0101	Jennifer Preece	Seats (Total: 3)
	Contact instructor or department for details.	
0103	Brian Butler	Seats (Total: 4)
	Contact instructor or department for details.	
0106	Vedat Diker	Seats (Total: 3)
	Contact instructor or department for details.	

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## INST      Information Studies      Winter 2016

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### INST633      Analyzing Social Networks and Social Media

Credits: 3      Grading Method: Regular

*Restriction: Permission of INFO-College of Information Studies. Credit only granted for: LBSC708L or INST633. Formerly: LBSC708L.*

*Introduces students to the science and social science of network analysis. Through real world examples, including analysis of their own social networks, students will develop skills for describing and understanding the patterns and usage of services like Facebook, Twitter, YouTube, and others. Students will read classic and cutting edge articles and books about these topics and discuss their applicability to this new social media. The class will culminate with a capstone project in which students will apply the analysis methods they have learned to understanding a particular question about social networks and social media.*

01Z1	Jennifer Golbeck	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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### INST728N      Special Topics in Information Studies; Introduction to Javascript

Credits: 1      Grading Method: Regular,  
Audit

*Selected topics in information studies.*

01Z1	Jennifer Golbeck	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

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### INST728W      Special Topics in Information Studies; Introduction to WEB Programming

Credits: 1      Grading Method: Regular,  
Audit

*Selected topics in information studies.*

01Z1	Jennifer Golbeck	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

**INST729I International Opportunities in Information Studies**

Credits: 3      Grading Method: Regular, Audit

*Short term, experiential course offered in conjunction with the University's Study Abroad Office, to volunteer, complete a project, or conduct research in a library or information organization outside the U.S. Focus and location varies.*

**Contact department for information to register for this course.**

**JOUR Journalism Winter 2016**

**JOUR698L      Special Problems in Communication**

Credits: 1-3      Grading Method: Regular, Audit

*Independent study in area of the student's interest.*

0103	Sarah Oates	Seats (Total: 10)
	Contact instructor or department for details.	

**KNES Kinesiology Winter 2016**

**KNES131D Physical Education Activities: Coed; Dance: Salsa (Beginning)**

Credits: 1      Grading Method: Regular,  
Pass-Fail

Attendance is required on the first day of class. Students must pay a \$40 instructional materials fee.

0101	Barbara Bernstein	Seats (Total: 30)	
	MTuThF 3:00pm - 6:00pm	SPH 1301	Lab

**KNES157N Physical Education Activities: Coed; Weight Training (Beginning)**

Credits: 1      Grading Method: Regular,  
Pass-Fail

Attendance is required on the first day of class. Students must pay a \$40 instructional materials fee.

0101	Andrew Ginsberg	Seats (Total: 15)	
	MTuWThF 10:00am - 12:00pm	SPH 0103	Lab

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**KNES157O      Physical Education Activities: Coed; Weight Training (Intermediate)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

Attendance is required on the first day of class. Students must pay a \$40 instructional materials fee.

0101	Andrew Ginsberg	Seats (Total: 15)	
	MTuWThF 10:00am - 12:00pm	SPH 0103	Lab

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**KNES161C      Physical Education Activities: Coed; Indoor Group Cycling (Intermediate)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

Attendance is required on the first day of class. Students must pay a \$40 instructional materials fee.

0101	Andrea Romeo	Seats (Total: 22)	
	MTuThF 10:00am - 12:15pm	COL 3109	Lab

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**KNES161T      Physical Education Activities: Coed; Yoga (Beginning)**

Credits: 1                      Grading Method: Regular,  
Pass-Fail

Attendance is required on the first day of class. Students must pay a \$40 instructional materials fee.

0101	Anne Contee	Seats (Total: 35)	
	MTuWTh 9:00am - 11:45am	SPH 0107	Lab

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**KNES201      Kinesiological Principles of Physical Activity**

Credits: 1                      Grading Method: Regular,  
Pass-Fail, Audit

*Corequisite: Any physical activity course, e.g., KNES 100-190; or permission of SPHL-Kinesiology department. Restriction: Must be in a major in SPHL-School of Public Health. Credit only granted for: KNES200 or KNES201.*

*An introduction to Kinesiology, the study of human movement, through the experience of learning a specific motor skill or being engaged in physical activity. Emphasis on the theories and knowledge underlying the learning and performance of all motor and sport skills.*

WB11	Jo Zimmerman	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

## **KNES260 Science of Physical Activity and Cardiovascular Health**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: LS      General Education: DSNS

*Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease.*

WB11	James Hagberg	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

## **KNES287 Sport and American Society**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SB, D      General Education: DSHS, DVUP

*Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.*

WB11	David Andrews	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

## **KNES289 Topical Investigations**

(Perm req)

Credits: 1-3      Grading Method: Regular, Pass-Fail

*Independent study by an individual student or a group of students in special areas of knowledge not covered by regularly scheduled courses.*

Prerequisite: permission of department.

**Contact department for information to register for this course.**

## **KNES293 History of Sport in America**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: SH      General Education: DSHS

*The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement.*

All sessions are taught on-line.

WB11	Samuel Clevenger	Seats (Total: 90)
	Class time/details on ELMs	ONLINE

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### **KNES350      The Psychology of Sports**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit                      General Education: DSHS

*An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.*

WB11	J Carson Smith	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

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### **KNES370      Motor Development**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Must be in a major within SPHL-Kinesiology department.*

*Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development.*

Non-KNES majors should contact Dr. Marvin Scott (mwscott@umd.edu) to request permission.

WB11	Yue Du	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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### **KNES385      Motor Control and Learning**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Restriction: Must be in a major within SPHL-Kinesiology department.*

*Physiological and cognitive bases for motor control and their applications to the acquisition of movement skills and understanding of movement disorders. Topics include: neurophysiology, motor control theory, sensory/perceptual processes, perception-action coupling, information processing, memory, attention, individual differences, motivation, practice organization and role of feedback.*



Non-KNES majors should contact Dr. Marvin Scott (mwscott@umd.edu) to request permission.

WB11	Tim Kiemel	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**KNES389**      **Topical Investigations**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail

*Independent study by an individual student or a group of students in special areas of knowledge not covered by regularly scheduled courses.*

Prerequisite: permission of department.

**Contact department for information to register for this course.**

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**KNES389K**      **Topical Investigations; Kinesiology Internship**

(Perm req)

Credits: 3      Grading Method: Regular

*Independent study by an individual student or a group of students in special areas of knowledge not covered by regularly scheduled courses.*

Prerequisite: permission of department.

**Contact department for information to register for this course.**

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**KNES389P**      **Topical Investigations; Strength and Conditioning of Athletes**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Independent study by an individual student or a group of students in special areas of knowledge not covered by regularly scheduled courses.*

Prerequisite: KNES360. Dedicated to preparing students to teach and coach athletes in the area of strength and conditioning. In addition to addressing basic aspects of strength & conditioning, students learn basic biomechanics of movement, maximum strength development, sport-specific energy utilization, metabolic conditioning, athletic speed/agility/acceleration, explosive power enhancement, and the design of sport-specific training programs. Examples will be used to illustrate concepts that have the potential to impact all areas of kinesiology. The student will be instructed into how to teach any level athlete, youth to adult, individually or in large groups.

0101	John Philbin, Jo Zimmerman	Seats (Total: 35)
	MTuWThF 1:00pm - 4:00pm	SPH 1303

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**KNES389Z      Topical Investigations; Sport, Commerce, and Culture in the Global Marketplace - NewZealand Study Abroad**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Independent study by an individual student or a group of students in special areas of knowledge not covered by regularly scheduled courses.*

**Contact department for information to register for this course.**

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**KNES462      Neural Basis of Human Movement**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: BSCI202, KNES385, and BSCI201; or permission of SPHL-Kinesiology department.*

*An introduction to the neural substrates which underlie postural and volitional movement. Neuroanatomical and neurophysiological basis of motor functioning; past and present conceptualizations of motor control and coordination; movement disorders; and maturation of the neuromuscular system.*

WB11	Rodolphe Gentili	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**KNES485      Sport and Globalization**

Credits: 3                      Grading Method: Regular,                      General Education: DVUP  
Pass-Fail, Audit

*Prerequisite: KNES287. Restriction: Junior standing or higher. Credit only granted for: KNES485 and KNES498T.*

*Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures.*

All sessions are on-line.

WB11	Shaun Edmonds	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

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**KNES498      Special Topics in Kinesiology**

(Perm req)                      Credits: 3                      Grading Method: Regular,  
Pass-Fail

*Topics of special interest in areas not covered by regularly scheduled courses.*

Prerequisite: permission of department.

**Contact department for information to register for this course.**

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**KNES498E      Special Topics in Kinesiology; Coaching for Performance**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Topics of special interest in areas not covered by regularly scheduled courses.*

Prerequisite: KNES350. While focusing on individual sports of interest, students will learn pedagogically appropriate practices used to engage athletes physically, emotionally and cognitively, enhance the acquisition of skills, and develop technical and tactical knowledge that contribute to peak performance. Appropriate practice planning and game analysis will also be discussed.

WB11	Dena Deglau	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**KNES689      Special Problems in Kinesiology**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Audit

*Master or doctoral candidates who desire to pursue special research problems under the direction of their advisor may register for 1-6 hours of credit under this number.*

**Contact department for information to register for this course.**

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**KNES799      Master's Thesis Research**

(Perm req)

Credits: 1-6                      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**KNES899      Doctoral Dissertation Research**

Credits: 1-8                      Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

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**LARC      Landscape Architecture**

**Winter 2016**

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**LARC160      Introduction to Landscape Architecture**

Credits: 3                      Grading Method: Regular,                      CORE: HO                      General Education: DSHU,  
Pass-Fail, Audit                      DSSP

*History, theory, philosophy and current practice of the profession of landscape architecture. Explores the interactive relationship between humans and their environment by examining people's perceptions of and changing attitude towards the landscape, as well as, an examination of how these are related to ecological and cultural influences.*

WB11	Kelly Cook	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

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**LARC489B      Special Topics in Landscape Architecture; Climate Change Design, Planning & Communication**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Credit according to time scheduled and organization of course. A lecture and/or studio course organized as an in-depth study of a selected specialization of landscape architecture not covered by existing courses.*

WB11	Victoria Chanse	Seats (Total: 10)
	Class time/details on ELMs	ONLINE

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**LARC489C      Special Topics in Landscape Architecture; Design for Climate and Culture in Chile**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Credit according to time scheduled and organization of course. A lecture and/or studio course organized as an in-depth study of a selected specialization of landscape architecture not covered by existing courses.*

**Contact department for information to register for this course.**

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**LARC489N      Special Topics in Landscape Architecture; Culture and Earth: Transformation and Adaptation-New Zealand**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Credit according to time scheduled and organization of course. A lecture and/or studio course organized as an in-depth study of a selected specialization of landscape architecture not covered by existing courses.*

**Contact department for information to register for this course.**

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**LARC489O      Special Topics in Landscape Architecture; Computer-Aided Design and Drafting (CADD): Urban Construction**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Credit according to time scheduled and organization of course. A lecture and/or studio course organized as an in-depth study of a selected specialization of landscape architecture not covered by existing courses.*

Prerequisite: PLSC100 or PLSC101 or PHYS 161; or permission of instructor.

0101	Robert Tjaden	Seats (Total: 20)
	MTuWTh 5:00pm - 8:30pm	PLS 2137

---

**LARC489W      Special Topics in Landscape Architecture; Constructed Wetlands and Related Stormwater Technologies**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Credit according to time scheduled and organization of course. A lecture and/or studio course organized as an in-depth study of a selected specialization of landscape architecture not covered by existing courses.*

Covers wetland and stream restoration techniques, site-scale hydrologic modeling, GIS data processing, estimated reductions of contamination from urban runoff and applications for design. Learn the basic functions and values, how to evaluate urban land use in terms of expected storm water quality output, estimating storm water discharge volume, identifying suitable materials for design implementation including plant materials, and design of a constructed wetland or stream restoration.

0101	Christopher Ellis	Seats (Total: 20)
	MTuWTh 9:00am - 12:30pm	PLS 2137

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**LARC499      Independent Studies in Landscape Architecture; Independent Studies in Landscape Architecture**

Credits: 1-4                      Grading Method: Regular,  
Pass-Fail, Audit

*Independent studies in landscape architecture including field, studio or library research under the direction of a faculty member.*

**Contact department for information to register for this course.**

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**LARC689B      Special Topics in Landscape Architecture; Climate Change Design, Planning & Communication**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

WB11	Victoria Chanse	Seats (Total: 10)
	Class time/details on ELMs	ONLINE

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**LARC699 Independent Studies in Landscape and Architecture**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

*Individual Instruction course.*

**Contact department for information to register for this course.**

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**LASC      Certificate in Latin American      Winter 2016**

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**LASC269T      Special Topics in Study Abroad II; Technology and Society: Ecuador in Context**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**LASC369B      Special Topics in Study Abroad III; Geography of the Southern Caribbean**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**LASC369C      Special Topics in Study Abroad III; Chile: Chilean Literature, Democracy and Social Change**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**LASC369K      Special Topics in Study Abroad III; From the Pampas to the Andes: Political Culture and Local Politics in Argentina**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**LASC369R      Special Topics in Study Abroad III; Global Service in the Dominican Republic**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

General Education: DVCC

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**LASC448P      Special Topics in Latin American Studies; Doing Business in Brazil: A Look at a Growing Economy**

Credits: 3                      Grading Method: Regular

*Intensive study of a selected topic related to Latin American Studies.*

**Contact department for information to register for this course.**

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**LASC448T      Special Topics in Latin American Studies; Practicum in Translation**

Credits: 3                      Grading Method: Regular

*Intensive study of a selected topic related to Latin American Studies.*

Also offered as SPAN416. Credit granted for SPAN416 or LASC448T.

0101	Lisa Carney	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 2117

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**LASC448V      Special Topics in Latin American Studies; El Salvador's Children: Risk, Poverty and Education**

Credits: 3                      Grading Method: Regular

*Intensive study of a selected topic related to Latin American Studies.*

**Contact department for information to register for this course.**

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**LBSC      Library Science      Winter 2016**

**LBSC709      Independent Study; Independent Study**

Credits: 1-3                      Grading Method: Regular,  
Audit

*Intensive individual study, reading, or research in an area of specialized interest under faculty supervision.*

0101	Jennifer Preece	Seats (Total: 5)
	Contact instructor or department for details.	
0103	Brian Butler	Seats (Total: 3)
	Contact instructor or department for details.	
0111	Paul Jaeger	Seats (Total: 3)
	Contact instructor or department for details.	

0115	Beth St Jean	Seats (Total: 3)
Contact instructor or department for details.		

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## LGBT      **Lesbian Gay Bisexual Transgender Studies**      **Winter 2016**

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### LGBT265      **Lesbian, Gay, Bisexual, and Transgender Literatures**

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HL, D      General Education: DSHU, DVUP

*Restriction: Must not have completed ENGL265. Also offered as: ENGL265. Credit only granted for: ENGL265 or LGBT265.*

*Exploration of literary and cultural expressions of sexuality and gender. Study of a range of historical periods and literary genres, such as essay, poetry, novel, drama, film. Topics include sexual norms and dissidence, gender identity and expression, the relationship between aesthetic forms and sexual subjectivity. Interpretation of texts particularly through the lens of queer theory. Examination of how sex and gender intersect with other forms of difference, including race and class.*

Restriction: Must not have completed ENGL265. Also offered as: ENGL265. Exploration of literary and cultural expressions of sexuality and gender . Study of a range of historical periods and literary genres, such as essay, poetry, novel, drama, film. Topics include sexual norms and dissidence, gender identity and expression, the relationship between aesthetic forms and sexual subjectivity. Interpretation of texts particularly through the lens of queer theory. Examination of how sex and gender intersect with other forms of difference, including race and class.

WB11	James Goodwin	Seats (Total: 20)
Class time/details on ELMs		ONLINE

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## MEES      **Marine-Estuarine-Environmental Sciences**      **Winter 2016**

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### MEES698L      **Special Topics in Marine-Estuarine-Environmental Sciences; Evolving Paradigms in Reproductive Biology**

(Perm req)      Credits: 1      Grading Method: Regular, Audit

*Credit according to time schedule and course organization. Lecture and/or laboratory series organized to study selected areas of environmental science not otherwise considered by existing courses. May be repeated for credit since topic coverage will change.*

0101	Allen Place, Matteo Avella	Seats (Total: 15)
MWF 10:00am - 12:00pm		HJP 1213

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## Advanced Topics in Marine-Estuarine-Environmental Science; R Programming

Credits: 2      Grading Method: Regular, Audit

*Lectures, experimental courses and other specialized graduate training in various relevant disciplines.*

Taught at the Chesapeake Biological Laboratory and on the Interactive Video Network. Through hands-on experience with examples, students will learn the basics of R language. After taking this course, students will independent R programmers comfortable with funding, developing, and using R tools in their own research.

0101	Viacheslav Lyubchich	Seats (Total: 30)
	MTuWThF 9:00am - 11:00am	Location: TBA

# MIEH

**Maryland Institute for Applied  
Environmental Health**

## Winter 2016

**MIEH331**

## The Built Environment, Sustainability, and Public Health: The Good, the Bad, and the Ugly

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Credit only granted for: MIEH 215; MIEH 331. Formerly: MIEH 215.*

*Exploration of the relationship between built environments and their impact on public health guided by the multidisciplinary ecologic framework to study and address environmental justice and community health issues. Examination of such issues as theories and concepts of behavior and design, health disparities, social capital, physical activity, and air, water and transportation.*

WB11	Sacoby Wilson	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

# MIEH620

## Global Health Communication and Promotion

Credits: 3      Grading Method: Regular,  
Audit

*Recommended: MIEH605. Credit only granted for: SPHL620 or SPHL698C. Formerly: SPHL698C.*

*Explores the critical components in developing, implementing and evaluating health/population promotion and communication interventions. Emphasis is on theory application to a variety of cultural settings. Formative and quantitative research methods will be utilized.*

0101	Muhiuddin Haider	Seats (Total: 10)
	MTuWTh 4:30pm - 8:00pm	SPH 0301

PCG1	Muhiuddin Haider	Seats (Total: 10)
	MTuWTh 4:30pm - 8:00pm	SPH 0301
<i>Restricted to students in the Global Health Certificate Program.</i>		

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**MIEH785**
**Internship in Public Health**

(Perm req)

Credits: 3

 Grading Method: Regular,  
Audit

*Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.*

*Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.*

**Contact department for information to register for this course.**

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**MIEH786**
**Capstone Project in Public Health**

(Perm req)

Credits: 3

 Grading Method: Regular,  
Audit

*Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.*

*Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.*

**Contact department for information to register for this course.**

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**MIEH788**
**Critical Readings in Environmental Health**

(Perm req)

Credits: 1-3

 Grading Method: Regular,  
Audit

*In-depth examination and critical discussion of the current literature relevant to environmental health.*

**Contact department for information to register for this course.**

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**MIEH789**
**Independent Study**

(Perm req)

Credits: 1-6

 Grading Method: Regular,  
Audit

*Individual reading and/or research under a specific faculty member in the department.*

**Contact department for information to register for this course.**

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**MIEH799**
**Master's Thesis Research**

Credits: 1-6

 Grading Method: Regular, Sat-  
Fail

**Contact department for information to register for this course.**

**MIEH898**

**Pre-Candidacy Research**

Credits: 1-8      Grading Method: Regular

0101	Paul Turner	Seats (Total: 5)
Contact instructor or department for details.		
0102	Amir Sapkota	Seats (Total: 5)
Contact instructor or department for details.		
0103	Amy Sapkota	Seats (Total: 5)
Contact instructor or department for details.		
0104	Donald Milton	Seats (Total: 5)
Contact instructor or department for details.		
0105	Robin Puett	Seats (Total: 5)
Contact instructor or department for details.		
0106	Sacoby Wilson	Seats (Total: 5)
Contact instructor or department for details.		

**MIEH899**

**Doctoral Dissertation Research**

Credits: 1-8      Grading Method: Regular, Sat-Fail

0101	Paul Turner	Seats (Total: 5)
Contact instructor or department for details.		
0102	Amir Sapkota	Seats (Total: 5)
Contact instructor or department for details.		
0103	Amy Sapkota	Seats (Total: 5)
Contact instructor or department for details.		
0104	Donald Milton	Seats (Total: 5)
Contact instructor or department for details.		
0105	Robin Puett	Seats (Total: 5)
Contact instructor or department for details.		
0106	Sacoby Wilson	Seats (Total: 5)
Contact instructor or department for details.		

## MUSC School of Music

Winter 2016

### MUSC388 Music Internship

(Perm req)

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*Pre-professional field work in music.*

**Contact department for information to register for this course.**

### MUSC899 Doctoral Dissertation Research

Credits: 1-8

Grading Method: Regular

0159

Rita Sloan

Seats (Total: 5)

Contact instructor or department for details.

## NACS Neuroscience & Cognitive Science

Winter 2016

### NACS898 Pre-Candidacy Research

Credits: 1-8

Grading Method: Regular, Sat-  
Fail

0104

Nathan Fox

Seats (Total: 1)

Contact instructor or department for details.

0106

Elizabeth Quinlan

Seats (Total: 1)

Contact instructor or department for details.

0107

Robert Dooling

Seats (Total: 1)

Contact instructor or department for details.

0109

Daniel Butts

Seats (Total: 1)

Contact instructor or department for details.

0112

Matthew Roesch

Seats (Total: 2)

Contact instructor or department for details.

0114

Erica Glasper Andrews

Seats (Total: 1)

Contact instructor or department for details.

0123

Rodolphe Gentili

Seats (Total: 1)

Contact instructor or department for details.

0125	J Carson Smith	Seats (Total: 1)
Contact instructor or department for details.		
0127	Gregory Ball	Seats (Total: 1)
Contact instructor or department for details.		

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## NFSC      Nutrition and Food Science      Winter 2016

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### NFSC100

#### Elements of Nutrition

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: LS      General Education: DSNS

*Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.*

0101	Saira Khan	Seats (Total: 25)
	MTuWThF 10:00am - 12:00pm	KEY 0116
	MTuWThF 12:00pm - 1:00pm	KEY 0116      Discussion

### NFSC386

#### Experiential Learning

Credits: 3-6      Grading Method: Regular, Pass-Fail

*Prerequisite: Permission of AGNR-Nutrition and Food Science department. Restriction: Junior standing or higher. Formerly: FDSC386 and NUTR386.*

**Contact department for information to register for this course.**

### NFSC498

#### Selected Topics

Credits: 1-3      Grading Method: Regular, Pass-Fail, Audit

*Selected current aspects of food.*

**Contact department for information to register for this course.**

### NFSC699

#### Problems in Nutrition and Food Science

Credits: 1-4      Grading Method: Regular, Audit

*Credit according to time scheduled and magnitude of problem. An experimental program on a topic other than the student's thesis problem will be conducted. Four credits shall be the maximum allowed toward an advanced degree.*

**Contact department for information to register for this course.**

**NFSC799****Master's Thesis Research**

Credits: 1-6

Grading Method: Regular, Sat-Fail

*First and second semesters. Credit in proportion to work done and results accomplished. Investigation in some phases of foodservice administration which may form the basis of a thesis. results in the form of a thesis.*

**Contact department for information to register for this course.**

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**PHIL****Philosophy****Winter 2016**

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**PHIL140****Contemporary Moral Issues**

Credits: 3

Grading Method: Regular, Pass-Fail, Audit

CORE: HO

General Education: DSHU

*The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice.*

This course will meet entirely online. Students should contact the instructor at [cavogel@umd.edu](mailto:cavogel@umd.edu)

*[Click here for more course information.](#)*

WB11	Christopher Vogel	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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**PHIL170****Introduction to Logic**

Credits: 3

Grading Method: Regular, Pass-Fail, Audit

CORE: MS

General Education: FSAR

*Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns.*

Section will meet entirely online. Students should contact the instructor at [aleks.knoks@gmail.com](mailto:aleks.knoks@gmail.com)

*[Click here for more course information.](#)*

WB11	Aleks Knoks	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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**PHIL309J****Philosophical Problems; The Fragility of Justice**

Credits: 3

Grading Method: Regular, Pass-Fail, Audit

*A focused study of a contemporary philosophical problem or issue. Topics will vary, but the course will encourage students to generate critical analyses or proposed resolutions of issues in the contemporary philosophical literature.*

Prerequisite: 3 hours of PHIL. Justice demands fairness: that we punish all and only the guilty. But a growing body of research suggests that our prejudices and biases undermine the pursuit of justice. We will critically evaluate this evidence and look ways of correcting for human biases. The overarching philosophical concern is the fragility of human reason within the American criminal justice system. Students should contact the instructor at [roglive@umd.edu](mailto:roglive@umd.edu)

WB11	Ryan Ogilvie	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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## PHSC      Public Health Science      Winter 2016

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### PHSC401      History of Public Health

Credits: 3      Grading Method: Regular

*Restriction: Must be in Public Health Science program; and must have earned a minimum of 45 credits. Credit only granted for: PHSC401 or SPHL401. Formerly: SPHL401.*

*Emphasis is on the history of public health in the Western world from antiquity to the present. Also examines the influence of public health developments as they relate to the Western world as well as throughout diverse cultures and societies across the globe. Analysis focuses on the interaction among Western and non-Western cultures with respect to health issues, including science, policies, prevention and treatment.*

WB11	Marian Jones	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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## PSYC      Psychology      Winter 2016

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### PSYC200      Statistical Methods in Psychology

Credits: 3      Grading Method: Regular,      General Education: FSAR  
Pass-Fail, Audit

*Prerequisite: PSYC100; and 1 course with a minimum grade of C- from (MATH220, STAT100, MATH111, MATH130, MATH140). Credit only granted for: BIOM301, BMGT230, CCJS200, ECON230, ECON321, EDMS451, GEOG306, GEOL351, GVPT422, PSYC200 or SOCY201.*

*A basic introduction to quantitative methods used in psychological research.*

WB11	Tracy Tomlinson	Seats (Total: 60)
	Class time/details on ELMs	ONLINE

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**PSYC221****Social Psychology**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit      CORE: SB      General Education: DSHS,  
DSSP

*Prerequisite: PSYC100.*

*The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior.*

WB11	Charles Stangor	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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**PSYC334****Psychology of Interpersonal Relationships**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: PSYC100.*

*Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).*

WB11	Dylan Selterman	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

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**PSYC432****Counseling Psychology: Theories, Research, and Practice**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: PSYC200.*

*Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.*

0101	Young Hwa Kim	Seats (Total: 20)
	MTuWTh 1:00pm - 4:45pm	BPS 1236

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**PSYC437****The Assessment and Treatment of Addictive Behaviors**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit



*Prerequisite: PSYC100; and 9 credits in PSYC courses. Credit only granted for: PSYC309E (taken in the Winter Term) or PSCY437. Formerly: PSYC309E.*

*Explores the current research in assessment and treatment of addictive behaviors. Topics may include addictions in the areas of alcohol, drugs, nicotine, gambling, and eating.*

0101	Carl Lejuez, Laura MacPherson	Seats (Total: 25)
	MTuWTh 1:00pm - 4:45pm	BPS 1232

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**PSYC438I      Special Topics in Study Abroad IV; India: Risk and Resilience in the Face of Poverty**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program.*

**Contact department for information to register for this course.**

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**PSYC478      Independent Study in Psychology**

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC479      Special Research Problems in Psychology**

Credits: 1-3      Grading Method: Regular,  
Pass-Fail, Audit

**Contact department for information to register for this course.**

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**PSYC489J      Advanced Special Topics in Psychology; Advanced Statistics in Psychology**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Treatment of a specialized topic in psychology.*

0101	Jeffrey Chrabaszcz	Seats (Total: 20)
	MTuWThF 9:30am - 12:30pm	BPS 1238

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**PSYC624      Adult Psychopathology**

Credits: 3      Grading Method: Regular

*Restriction: Permission of instructor; and must be in one of the following programs (Psychology (Master's); Psychology (Doctoral)). Credit only granted for: PSYC624 or PSYC719. Formerly: PSYC719.*

PCC1	Aditi Vijay	Seats (Total: 40)
<b>Meets November 30, 2015 - February 19, 2016</b>		
Tu 6:00pm - 9:45pm		BPS 0283
<i>Restricted to the Clinical Psychological Science Program.</i>		

Credits: 3      Grading Method: Regular, Audit

*An examination of fundamental principles of psychological assessment; application of these principles to the development of evidence-based assessments of clinical conditions and associated behaviors; and application of evidence-based assessments to the evaluation and understanding of clinical conditions evaluated and treated in therapeutic settings.*

PCC1	Julia Felton	Seats (Total: 40)
<b>Meets November 30, 2015 - February 19, 2016</b>		
Th 6:00pm - 9:45pm		BPS 0283
<i>Restricted to the Clinical Psychological Science Program.</i>		

Credits: 1-3      Grading Method: Sat-Fail

0101	Karen O'Brien	Seats (Total: 10)
Contact instructor or department for details.		

Credits: 3      Grading Method: Regular, Audit

*Prerequisite: PSYC662. Restriction: Must be in the Graduate Certificate of Professional Studies in Treating Survivors of Violence, Torture, and Trauma: Theoretical Foundations and Mental Health; or permission of instructor.*

*This is the second in a series of two courses designed to provide students with an understanding of psychological trauma and treatment of trauma survivors. Current approaches to understanding and treating trauma survivors from psychological, developmental, neurobiological, cognitive, and ecological perspectives will be presented.*

PLV1	Beth Richie	Seats (Total: 20)
	<b>Meets November 30, 2015 - February 19, 2016</b>	
	Class time/details on ELMs	ONLINE
	<i>Restricted to students in the VTT Program.</i>	

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**PSYC798W      Graduate Seminar; R Programming for the Behavioral Sciences**

Credits: 2                      Grading Method: Regular,  
   Audit

0101	Scott Jackson	Seats (Total: 40)
	<b>Meets January 4, 2016 - January 15, 2016</b>	
	MTuWThF 9:00am - 12:00pm	BPS 1236

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**PSYC798X      Graduate Seminar; Computer Programming for Psychology Experiments**

Credits: 2                      Grading Method: Regular,  
   Audit

Students will gain a basic understanding of the programming language Python as well as the programs PsychoPy and Experiment Builder. PsychoPy and Experiment Builder are programs that are implemented in Python and can be used to build psychology experiments. Experiment Builder may be particularly useful for any students that wish to use eye tracking methodology, as it was specifically designed to work with Eyelink eye trackers.

0101	Daniel Buttaccio	Seats (Total: 40)
	<b>Meets January 4, 2016 - January 15, 2016</b>	
	MTuWThF 1:00pm - 4:00pm	BPS 0283

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**PSYC799      Master's Thesis Research**

Credits: 1-6                      Grading Method: Regular, Sat-Fail  
**Contact department for information to register for this course.**

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## **PUAF                      Public Policy                      Winter 2016**

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**PUAF359T                      Contemporary Issues in Political Leadership and Participation; Morocco: Political & Social Development**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
*Special topics in political leadership and participation.*

**Contact department for information to register for this course.**

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**PUAF388J                      Special Topics in Public Policy; Engaging and Exploring the Complexities of Global Philanthropy and Nonprofit Leadership Israel and Jordan**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
*Advanced special topics focusing on an interdisciplinary topic related to Public Policy.*

**Contact department for information to register for this course.**

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**PUAF388K                      Special Topics in Public Policy; India: Education and Project Engagement with NGOs and Social Enterprises**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit  
*Advanced special topics focusing on an interdisciplinary topic related to Public Policy.*

**Contact department for information to register for this course.**

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**PUAF688I                      Topics in Public Policy; Engaging and Exploring the Complexities of Global Philanthropy and Nonprofit Leadership**

Credits: 3                      Grading Method: Regular,  
Audit  
*Special topics in Public Policy.*

**Contact department for information to register for this course.**

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**PUAF688J                      Topics in Public Policy; Engaging and Exploring the Complexities of Global Philanthropy and Nonprofit Leadership Israel and Jordan**

Credits: 3                      Grading Method: Regular,  
Audit  
*Special topics in Public Policy.*

**Contact department for information to register for this course.**

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**PUAF688N      Topics in Public Policy; Development Diplomacy and Leadership**

Credits: 3                      Grading Method: Regular,  
   Audit

*Special topics in Public Policy.*

0101	Pradeep Kapur	Seats (Total: 20)
	MTuWThF 11:00am - 4:00pm	VMH 1101
<i>Meets 11:00am-4:00pm on January 4, 6, 8, 11, 13, 14, 15, 19, 20, 22. PUAF major or permission of instructor.</i>		

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**PUAF689I      Public Policy Topics; Social-Ecological Systems, Environmental Policy, and Sustainable Development in Indonesia**

Credits: 3                      Grading Method: Regular,  
   Audit

*Special Topics in Public Policy.*

**Contact department for information to register for this course.**

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**PUAF699G      Selected Topics Public Policy; Leadership in Groups and Organizations**

Credits: 3                      Grading Method: Regular,  
   Audit

*Special topics that arise in public policy.*

**Contact department for information to register for this course.**

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**PUAF752      Managing Differences:Resolving Conflict and Negotiating Agreements**

Credits: 3                      Grading Method: Regular,  
   Audit

*Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy.*

*Enhances the student's negotiation and leadership skills for managing differences between individuals and groups. Students study the nature of conflict, learn how to handle two and multiparty conflicts, exerting leadership where there are no hierarchy leaders, and explore the impact of facilitators and mediators on the negotiating process. Blends skill building exercises and theory discussions about the behavior of groups and individuals in groups to understand negotiation dynamics.*

0101	Charles Field	Seats (Total: 20)
	MW 9:00am - 5:00pm	VMH 1203
<i>Meets from 9:00am-5:00 pm on January 4, 7, 11, 14, and 21.</i>		

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**PUAF790**

**Project Course**

Credits: 3

Grading Method: Regular,  
Audit

*Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy.*

*Students work at a sponsoring government agency or private firm researching problem of interest to sponsor and relevant to concentration. Emphasis on problem definition, organizing information, and both oral and written presentation of results.*

**Contact department for information to register for this course.**

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**PUAF798A**

**Readings in Public Policy**

Credits: 3

Grading Method: Regular,  
Audit

*Guided readings for discussions on public policy.*

**Contact department for information to register for this course.**

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**PUAF798I**

**Readings in Public Policy; India: Education and Project Engagement with NGOs and Social Enterprises**

Credits: 3

Grading Method: Regular,  
Audit

*Guided readings for discussions on public policy.*

**Contact department for information to register for this course.**

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**PUAF798T**

**Readings in Public Policy; Morocco: Political and Social Development**

Credits: 3

Grading Method: Regular,  
Audit

*Guided readings for discussions on public policy.*

**Contact department for information to register for this course.**

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**PUAF898**

**Pre-Candidacy Research**

Credits: 1-6

Grading Method: Regular, Sat-  
Fail

0131

Nathan Hultman

Seats (Total: 5)

Contact instructor or department for details.

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**PUAF899**

**Doctoral Dissertation Research**

Credits: 1-6      Grading Method: Regular

0131	Nathan Hultman	Seats (Total: 5)
Contact instructor or department for details.		

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## **RDEV      Real Estate Development      Winter 2016**

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### **RDEV688E      Selected Topics in Real Estate Development; Resolving Conflict and Negotiating Agreements**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

*Selected topics in real estate development.*

The meetings on Saturday and Sunday begin meeting on Saturday, January 2nd and Sunday, January 3rd. The meetings on Tuesdays and Thursdays begin meeting on January 5th.

0101	Charles Field	Seats (Total: 30)
	TuTh 6:30pm - 10:00pm	ARC 1105
	SaSu 10:00am - 6:00pm	ARC 1105

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### **RDEV689L      Current Topics in Real Estate Development; Risk Management for Real Estate Developers**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

*Explores a focused aspect in any of the five major phases of real estate development: planning, finance, law, design, construction, or management.*

0101	Robert Wertheimer	Seats (Total: 15)
	MWF 6:30pm - 9:30pm	ARC 1103
	SaSu 12:00pm - 5:00pm	ARC 1103

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## **RELS      Religious Studies      Winter 2016**

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### **RELS346      History of Religion in America**

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: HIST255, HIST211, HIST156, HIST254, HIST213, HIST157, or HIST210; or permission of instructor. Also offered as: HIST306. Credit only granted for: HIST306 or RELS346.*

*A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.*

WB11	Miles Bradbury	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

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<b>SLLC</b>	<b>School of Languages, Literatures and Cultures</b>	<b>Winter 2016</b>
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**SLLC368D      Special Topics in Film Studies I; Action, Adventure, and Spectacle Film in World cinema**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Content varies. Exploration of topics in film studies beyond national traditions, for example through the lens of theory, genre, auteurship, aesthetic movements in cinema, and/or comparative perspectives.*

In this online course, we will screen and study critically some of the most important examples of action, adventure, and spectacle films from the international and transnational perspectives. Films to be screened may include Seven Samurai, The Wild Bunch, Ringo and His Golden Pistol, Once Upon a Time in China, Star Wars, Point Break, Saving Private Ryan, Deep Impact, Spy Kids, Jurassic Park, Breakdown, Enter the Dragon, Hard-Boiled, Run Lola Run, La Femme Nikita, Last Action Hero, Salt, Lara Croft: Tomb Raider, The Peacemaker, The Matrix, District 13, and Crouching Tiger, Hidden Dragon. The course will pay attention to female film makers as well as action films featuring female leads. Through these screenings in conjunction with critical writings by established and young scholars in film studies and cultural studies, we hope to explore the historical, esthetic, generic, institutional, and political significance of these films. We also hope to touch upon questions of national identity, gender, class, heroism, and ethnicity as well as ways of the spectators engagement with the action body and the action narrative.

WB11	Jason Kuo	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

**SLLC368E      Special Topics in Film Studies I; Jim Henson: Art, Media, Muppets**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Content varies. Exploration of topics in film studies beyond national traditions, for example through the lens of theory, genre, auteurship, aesthetic movements in cinema, and/or comparative perspectives.*

This course follows the professional and artistic life of Jim Henson to analyze major changes that have occurred in international media from the 1950s through the 1990s.

WB11	Brian Real	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

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<b>SOCY</b>	<b>Sociology</b>	<b>Winter 2016</b>
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**SOCY230****Sociological Social Psychology**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.*

WB11	Jenelle Clark	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

**SOCY325****The Sociology of Gender**

Credits: 3                      Grading Method: Regular,                      , D  
Pass-Fail, Audit

*Prerequisite: 3 credits in SOCY courses. Also offered as: WMST325. Credit only granted for: SOCY325 or WMST325.*

*Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.*

WB11	Crosby Hipes	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

**SOCY441****Social Stratification and Inequality**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Restriction: Junior standing or higher.*

*The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.*

WB11	John Pease	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

**SOCY699****Special Social Problems**

Credits: 1-6                      Grading Method: Regular

0101	Feinian Chen	Seats (Total: 20)
	Contact instructor or department for details.	

## Special Social Problems; Statistical Techniques

Credits: 3      Grading Method: Regular, Audit

0101	Alan Neustadtl	Seats (Total: 20)
	MTuWTh 9:30am - 1:30pm	ASY 2115

# SPAN

## Spanish

## Winter 2016

**SPAN103**

## Intensive Elementary Spanish

Credits: 4      Grading Method: Regular, Pass-Fail, Audit

*Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Credit only granted for: SPAN102 or SPAN103.*

*Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.*

0101	Carla Onate	Seats (Total: 25)
	MTuWThF 1:00pm - 4:30pm	JMZ 2123
0102	Norman Mora Quintero	Seats (Total: 25)
	MTuWThF 1:00pm - 4:30pm	JMZ 1103

**SPAN169X**

**Special Topics in Study Abroad I; Elementary Spanish I**

Credits: 2-6      Grading Method: Regular, Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

**SPAN169Y**

**Special Topics in Study Abroad I; Elementary Spanish II**

Credits: 2-6      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

**SPAN203**

## Intensive Intermediate Spanish

Credits: 4      Grading Method: Regular, Pass-Fail, Audit      CORE: HO

*Prerequisite: SPAN103; or must have appropriate Foreign Language Placement Test (FLPT) score.  
Restriction: Must not be a native/fluent speaker of Spanish.*

*Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.*

0102	Sebastian Bartis	Seats (Total: 25)
	MTuWThF 1:00pm - 4:30pm	JMZ 2207

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**SPAN204      Spanish Grammar Review**

Credits: 3      Grading Method: Regular,      CORE: HO  
Pass-Fail, Audit

*Prerequisite: SPAN203; or must have appropriate Foreign Language Placement Test (FLPT) score.  
Restriction: Not open to fluent/native speakers of Spanish.*

*An in-depth study and analysis of selected grammatical topics in a contextualized framework.*

**Contact department for information to register for this course.**

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**SPAN207      Reading and Writing in Spanish**

Credits: 3      Grading Method: Regular,      General Education: DSHU  
Pass-Fail, Audit

*Prerequisite: Minimum grade of B+ in SPAN203; or must have completed or be concurrently enrolled in SPAN204; or must have appropriate Foreign Language Placement Test (FLPT) score.*

*Selected readings with emphasis on reading comprehension and the development of reading strategies. Work in composition writing and a review of selected grammatical topics. Complements material of SPAN204.*

0101	Sarah Dowman	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 2120

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**SPAN225      Cultures of the Contact Zones - Seville, Al-Andalus and the Atlantic World**

Credits: 3      Grading Method: Regular,      CORE: HO, D      General Education: DSHU  
Pass-Fail, Audit

*Credit only granted for: HONR248E or SPAN225.*

*Content is broad enough to deal with issues of multiculturalism in Spai but also specific enough to center on the city of Seville and the Andalusion region.*

**Contact department for information to register for this course.**

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**SPAN269I      Special Topics in Study Abroad II; Intermediate Spanish I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**SPAN301                      Advanced Grammar and Composition I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: Must have completed or be concurrently enrolled in SPAN207.*

*Practice of complex grammatical structures through reading and writing of compositions and essays. Specific lexical, syntactic, rhetorical, and stylistic devices will be highlighted.*

0101	Fabian Faccio	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 2122

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**SPAN302                      Advanced Grammar and Composition II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: SPAN301.*

*Practice in and writing of different types of compositions and essays, including narrations, descriptions, and persuasive writing. Review of problematic syntactical structures.*

**Contact department for information to register for this course.**

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**SPAN303                      Approaches to Cultural Materials in the Hispanic World**

Credits: 3                      Grading Method: Regular,                      General Education: DSHU  
Pass-Fail, Audit

*Prerequisite: SPAN207; or permission of instructor.*

*Development of proficiency in critical thought through the reading, viewing, and analytical discussion of major genres and styles of cultural materials selected from Spanish-speaking world. Taught in Spanish.*

0101	Douglas Glynn	Seats (Total: 20)
	MTuWTh 1:00pm - 4:30pm	JMZ 3120

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**SPAN3690                      Special Topics in Study Abroad III; Spanish Conversation & Oral Skills**

Credits: 1-3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**SPAN369W      Special Topics in Study Abroad III; Spanish Stylistics: Advanced Spanish Writing and Stylistics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**SPAN399C      Independent Study in Spanish; Spanish Culture in the Convivencia Period**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Specific readings in literature or a translation project under the supervision of a faculty member of the department.*

**Contact department for information to register for this course.**

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**SPAN401      Advanced Composition I**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: SPAN302; or permission of ARHU-School of Languages, Literatures, and Cultures department.*

*Compositions and essays with emphasis on stylistics, idiomatic and syntactic structures. Organization and writing of research papers.*

**Contact department for information to register for this course.**

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**SPAN402      Advanced Composition II**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: SPAN401; or permission of ARHU-School of Languages, Literatures, and Cultures department.*

*Compositions and essays with emphasis on stylistics, idiomatic and syntactic structures. Organization and writing of research papers.*

**Contact department for information to register for this course.**

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**SPAN416      Practicum in Translation V**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Prerequisite: SPAN357; or permission of ARHU-School of Languages, Literatures, and Cultures department.*

*Translation of complete literary texts from Spanish into English. Presentation and comparison of special problems encountered in individual projects.*

Also offered as LASC448T. Credit granted for SPAN416 or LASC448T.

0101	Lisa Carney	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 2117

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**SPAN448E      Special Topics in Latin American Civilization; Ecuador: Andean Spaces-Traversing the Colonial City and the Natural World**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Intensive independent study of a selected topic related to Latin American civilization.*

**Contact department for information to register for this course.**

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**SPAN699E      Independent Study in Spanish; Spain: Cultures of the Contact Zones: Seville, Al-Andalus and the Atlantic World**

Credits: 3                      Grading Method: Regular,  
Audit

*This course is designed to provide graduate students an opportunity to pursue independent study under the supervision of a member of the department.*

**Contact department for information to register for this course.**

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**SURV                      Survey Methodology                      Winter 2016**

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**SURV699                      Special Topics in Survey Methodology; Readings in Survey Methodology**

(Perm req)

Credits: 1-6                      Grading Method: Regular,  
Audit

*Credit according to time scheduled and organization of the course. Organized as a lecture series on specialized advanced topics in survey methodology.*

SVW1	Richard Valliant	Seats (Total: 10)
	Contact instructor or department for details.	

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**SURV701                      Analysis of Complex Sample Data**

Credits: 3                      Grading Method: Regular,  
Audit

Prerequisite: SURV625.

*Analysis of data from complex sample designs covers: the development and handling of selection and other compensatory weights; methods for handling missing data; the effect of stratification and clustering on estimation and inference; alternative variance estimation procedures; methods for incorporating weights, stratification and clustering, and imputed values in estimation and inference procedures for complex sample survey data; and generalized design effects and variance functions. Computer software that takes account of complex sample design in estimation.*

SVW1	Jeffrey Gonzalez	Seats (Total: 15)
	<b>Meets December 1, 2015 - February 23, 2016</b>	
	Tu 4:00pm - 4:50pm	ONLINE
<i>of 7</i> <span style="float: right;"><i>RMargin7 This</i></span>		
<i>online section is a condensed version of the on-site section. The material covered and workload are comparable. Students must have access to a standalone web camera and a headset to participate in the weekly online meetings. Video-recorded lectures taught by Dr. Steven Heeringa. Live online sessions taught by Dr. Jeffrey Gonzalez.</i>		

## TDPS

## Theatre, Dance and Performance Studies

Winter 2016

### TDPS458G

(Perm req)

### Special Topics in Advanced Performing Arts; Center for Creative Collaboration II

Credits: 3

Grading Method: Regular,  
Pass-Fail, Audit

*Designed for performing arts students. Offers instruction at an advanced level in various aspects of performance such as Voice for the Performing Arts, Movement for the Performing Arts, Acting for the Performing Arts, Partner Dance and a myriad of specific aspects within these genres.*

The Center for Creative Collaboration is an intensive laboratory focusing on the devising and development of brand new works of theatre and dance. For enrollment and scholarship information email Susan Miller at [smille13@umd.edu](mailto:smille13@umd.edu). Students must pay a \$25 lab fee for this course.

0101	Jared Mezzocchi	Seats (Total: 15)
	TuWThF 12:00pm - 4:00pm	PAC 2740
0102	Katie Sopoci Drake	Seats (Total: 15)
	TuWThF 12:00pm - 4:00pm	PAC 1908
0103	Jennifer Barclay Newsham	Seats (Total: 15)
	TuWThF 12:00pm - 4:00pm	PAC 3736

0104	Robin Frohardt	Seats (Total: 15)
	TuWThF 12:00pm - 4:00pm	PAC 3730

## THET

## Theatre

Winter 2016

### THET282

#### Stage Makeup

Credits: 3      Grading Method: Regular,  
Pass-Fail, Audit

*Students learn to design and execute character makeup based on research and script analysis. Studying fundamental facial anatomy, the class learns to manipulate light and shadow with makeup to enhance and alter the shape of facial features. Once these techniques are mastered, the class moves on to more complex exercises, including Old Age, Facial Hair, Wounds and Fantasy.*

Students must pay a \$25 lab fee.

0101	Melissa Thiede	Seats (Total: 12)
	MTuWThF 9:00am - 12:00pm	PAC 1809

### THET669

#### Independent Study; Independent Study

(Perm req)

Credits: 1-3      Grading Method: Regular,  
Audit

0102	Helen Huang	Seats (Total: 5)
	Contact instructor or department for details.	

### THET788

#### Master's Tutorial

Credits: 1-6      Grading Method: Regular,  
Audit

*Collaboration with a faculty member on joint creative and artistic projects.*

0101	Helen Huang	Seats (Total: 3)
	Contact instructor or department for details.	

### THET789

#### Master's Practicum

Credits: 1-6      Grading Method: Regular,  
Audit

*Participation in creative and artistic activities with professional level theatrical organizations.*



0101	Helen Huang	Seats (Total: 3)
Contact instructor or department for details.		

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## **UMEI** **Maryland English Institute** **Winter 2016**

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### **UMEI028I** **Special Topics in English as a Second Language; IELTS Exam Preparation**

(Perm req)

Credits: 1      Grading Method: Sat-Fail

*Focuses on particular English language topics for ESL student as indicated by title. Course intended to be taken concurrently with UMEI011, UMEI012, or UMEI013; but may be taken independently with special permission.*

UM10	Jonathan Malone, Raymond Smith	Seats (Total: 25)
	MTuWTh 10:00am - 12:00pm	EDU 3233

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## **UNIV** **University Courses** **Winter 2016**

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### **UNIV099** **Internship Seminar**

(Perm req)

Credits: 0      Grading Method: Sat-Fail

*Complements students' supervised work experiences. Open to all majors; all class levels. Involves exploring career options, developing professional work skills, examining the relationship between internship and academic coursework. Course may be repeated.*

Restriction: Must have earned a minimum cumulative GPA of 2.0 (undergraduates) or 3.0 (graduate students); and Permission of the Career Center; and permission of instructor.

I101	Theresa Hale, Erica Ely	Seats (Total: 10)
Contact instructor or department for details.		

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## **URSP** **Urban Studies and Planning** **Winter 2016**

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### **URSP688K** **Recent Developments in Urban Studies; Urban Design Software**

(Perm req)

Credits: 3      Grading Method: Regular,  
Audit

*Examination of selected current aspects of urban affairs and planning, including, for example, in the United States or neighborhood preservation in Russia. Location of course may be off-campus.*

HY01	Matthew Miller	Seats (Total: 20)
	MTuWTh 7:00pm - 10:00pm	ARC 0111
	Class time/details on ELMs	ONLINE

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**URSP788 Independent Study in Urban Studies and Planning**

Credits: 1-3                      Grading Method: Regular,  
Audit

*Directed research and study of selected aspects of urban affairs.*

**Contact department for information to register for this course.**

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**WINT                      Winterterm Workshops                      Winter 2016**

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**WINT002 Multi-Track Diplomacy and Conflict Transformation**

Credits: 0                      Grading Method:

This non-credit workshop will use techniques of multi-track diplomacy to develop the knowledge and skills needed to facilitate transformation of interpersonal, organizational, community or complex societal conflicts, including ethnic, religious or cultural tensions.

*Click here for more course information.*

0101	Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102
<i>Also meets Friday, 1/23/15 from 6pm-9:15pm. Snow day makeup: Jan. 24-25 if needed.</i>		
<i>WINT003 is strongly recommended as a concurrent class.</i>		

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**WINT003 Workshop In Multi-Track Diplomacy**

Credits: 0                      Grading Method:

This non-credit workshop will use multi-track diplomacy to search for common ground in the current conflict in Israel-Palestine. A simulation, engaging influential civil society representatives, will be co-facilitated by workshop instructors.

*Click here for more course information.*

0101	Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101
<i>Two consecutive weekend workshop sessions: January 8-10 and 23-24. Snow Day make-up: Jan. 24-25 if needed. WINT002 is strongly recommended as concurrent class.</i>		

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**WINT012 Winterterm Study Skills Program**

Credits: 0                      Grading Method:

Designed to help students "bounce back" from academic difficulties. Recommended for those on probation or facing dismissal. Students identify the causes of poor academic performance and develop strategies to be successful. Class meets for one week: Jan 6-10. Also offered as EDCP108B.

*For more information, click here.*

WB11	Shirley Browner, Beverly Greenfeig	Seats (Total: 25)
	<b>Meets January 6, 2016 - January 20, 2016</b>	
	Class time/details on ELMs	ONLINE

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## WMST Women's Studies Winter 2016

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### WMST250 Introduction to Women's Studies: Women, Art and Culture

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HA, D      General Education: DSHU, DVUP

*An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.*

WB11	Jaime Madden	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

### WMST298D Women's Bodies in Contention

Credits: 3      Grading Method: Regular, Pass-Fail, Audit      CORE: HA, D      General Education: DSHS, DVUP, SCIS

WB11	Donnesha Blake	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

### WMST326 Biology of Reproduction

Credits: 3      Grading Method: Regular, Pass-Fail, Audit

*Prerequisite: BSCI105; or permission of ARHU-Women's Studies department. Also offered as: BSCI342. Credit only granted for: BSCI342 or WMST326.*

*The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior and menopause.*

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1243

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**WMST469T      Study Abroad Special Topics IV; Gender, Sexuality and Globalization: Transnational Feminisms and the Anglophone Caribbean**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

*Special topics course taken as part of an approved study abroad program*

**Contact department for information to register for this course.**

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**WMST498Q      Advanced Special Topics in Women's Studies; Gender and Politics**

Credits: 3                      Grading Method: Regular,  
Pass-Fail, Audit

Also offered as GVPT359C. Credit granted for GVPT359C or WMST498Q. The course will introduce students to the main topics in Gender and Politics scholarship. Using feminist scholarship to create the lens within which to analyze political science texts. Race, sexual orientation, class, and gender identity are all fundamental to the critical analysis of the who, where, what and when of gender politics. This class covers diverse issues such as; women's participation in political parties, women as voters and candidates in political elections , feminism and the state, and gender and international politics.

WB11	Noa Balf	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

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